CANADA

REPORT

OF THE

MINISTER OF PUBLIC WORKS

ON THE

WORKS UNDER HIS CONTROL

FOR THE

FISCAL YEAR ENDED MARCH 31

1923

Submitted in Accordance with the Provisions of Chapter 39, Section 34,
of the Revised Statutes of Canada

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OTTAWA
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1924

To General His Excellency the Right Honourable Lord Byng of Vimy, G.C.B., G.C.M.G., M.V.O., Governor General and Commander in Chief of the Dominion of Canada.

I have the honour to lay before Your Excellency the Report of the Department of Public Works of Canada, for the fiscal year ended March 31, 1923.

I have the honour to be, sir,

Your Excellency's most obedient servant,

J. H. KING,
Minister of Public Works.

OTTAWA, October 15, 1923.

CONTENTS

REPORTS OF:—

	Page.
DEPUTY MINISTER	1
CHIEF ARCHITECT	13
CHIEF ENGINEER	23
GENERAL SUPERINTENDENT OF TELEGRAPHS	63
COLLECTOR OF REVENUE	71
CHIEF ACCOUNTANT	79
LAW BRANCH	124
NATIONAL GALLERY	151

ALPHABETICAL INDEX TO REPORT

Names of Places, etc.	Page
A	
Abercrombie, N.S.	106
Accountant's report	79
Acton, Ont., post office	16, 90
Acton Vale, P.Q., public building	83
Advertising	105
Agassiz, B.C., experimental farm	101
Ainsworth, B.C.	118
Alberni, B.C., post office	101
Alberta, telegraphs	67, 122
Alexandria, Ont., public buildings	90
Almonte, Ont., public building	90
Amherstburg, Ont., public building	90
Amherst, P.Q.	111
Amherst, N.S., public buildings	13, 79
Amherst Point, N.S.	106
Anderson's Cove, N.S.	106
Angus, Camp Borden, Ont.	90
Annapolis, N.S., public buildings	79
Annieville Bar, B.C.	118
Anse à Beaufils, P.Q.	111
Anse à Côté, P.Q.	49, 111
Anse à Coulombe, P.Q.	50, 111
Anse à David Therien, P.Q.	54, 111
Anse à Gilles, P.Q.	111
Anse à Isaie Vallée, P.Q.	54, 111
Anse à l'Eau, P.Q.	111
Anse aux Gascons, P.Q.	31, 111
Anse aux Griffons, P.Q.	111
Anse Bouchard, P.Q.	50, 111
Anse à Valleau, P.Q.	49, 111
Anse Blanche, P.Q.	49
Anse Brulé, P.Q.	50, 111
Anse des Quinze Collets, P.Q.	111
Anse du Cap, P.Q.	49, 111
Anse St. Croix, P.Q.	49, 111
Anse St. Jean, P.Q.	111
Anticosti, P.Q., telegraphs	67, 121
Antigonish Landing, N.S., wharf	106
Antigonish, N.S., public building	79
Argenta, B.C.	118
Arichat, N.S., wharf	106
Arichat, N.S., public building	79
Arisaig, N.S., wharf	106
Armstrong, P.Q., customs and immigration building	83
Arnprior, Ont.	115
Arnprior, Ont., public building	90
Arrow Lake, B.C.	49, 118
Arthabaska, P.Q., public building	83
Art Gallery	11, 151
Asbestos, P.Q., post office	83
Ashcroft, B.C., post office, etc	101
Ashcroft-Dawson, telegraphs	122
Assiniboine River, Man.	117
Athabasca Landing, Alta., public building	99
Athens, Ont., post office	90
Atlin, B.C., post office	101
Aultsville, Ont.	36, 115
Aurora, Ont., post office	90
Aylmer, P.Q., post office	83
Aylmer, P.Q., wharf	111
Aylmer, Ont., post office	90

Names of Places, etc.	Page
B	
Babin's Cove, N.S.	106
Back Bay, N.B.	110
Baddeck, N.S., public building	13, 79
Baddeck, N.S., wharf	106
Bagotville, P.Q.	111
Bailey's Brook, N.S.	106
Baker's Point, N.S.	106
Bamberton, B.C.	43, 118
Bamfield, B.C.	118
Bamfield, B.C., public building	101
Banff, Alta.	99
Barachois de Malbaie, P.Q.	31, 111
Bare Point, Ont. (Port Arthur)	40, 53, 116
Barnstone Island, B.C.	118
Barrie, Ont., public buildings	90
Barrie, Ont.	115
Barrington Cove, N.S.	106
Barrington Passage, N.S.	23, 106
Bassano, Alta., post office	99
Bass River, N.S.	106
Basswood Beach, N.S.	23, 106
Bath, Ont.	49, 115
Bathurst, N.B., public building	81
Bathurst, N.B., harbour	110
Batiscan, P.Q.	111
Battleford, Sask., public building	98
Battery Point, N.S.	49, 106
Bay of Fundy, telegraphs	67, 121
Bayfield, Ont.	115
Bayfield, N.S.	106
Bayside, N.B.	110
Bay St. Lawrence, N.S.	106
Bay View, P.E.I.	109
Beach Point, P.E.I.	26, 109
Bear Point, N.S.	106
Beaton, B.C.	118
Beauharnois, P.Q., post office	83
Beauharnois, P.Q., dredging	111
Beaulac, P.Q.	111
Beaumaris, Ont.	115
Beaver Harbour, N.B.	49, 110
Beaver Point, B.C.	118
Bedford, P.Q., post office	83
Bella Bella, B.C.	118
Bella Coola, B.C.	101
Belle River, P.E.I.	109
Belleville, Ont., public buildings	90
Belliveau, N.B.	110
Beloeil, P.Q.	111
Bersimis, P.Q.	111
Berthierville, P.Q., wharf	31
Berthierville, P.Q., public buildings	83, 111
Bic, P.Q.	31, 111
Big Bay, Ont.	115
Big Bras d'Or, N.S.	106
Big George Island, Man.	117
Bishop's Landing, B.C.	118
Black Lake, P.Q., post office	83
Black River, N.B.	110
Black's Harbour, N.B.	29, 110
Blanche River, Ont.	37, 115
Blenheim, Ont., post office	90

Names of Places, etc.	Page
B	
Blind River, Ont.	115
Blue Rock, N.S.	106
Bluff Head, N.S.	106
Boisdale, N.S.	106
Bold Point, B.C.	118
Bonaventure River, P.Q.	31, 111
Bonshaw, P.E.I.	26, 109
Bonus paid	122
Boswell, B.C.	118
Bowmanville, Ont., public buildings	90
Bracebridge, Ont., post office	90
Brampton, Ont., public building	90
Brandon, Man., public buildings	96
Brantford, Ont., public buildings	90
Breen's Pond, N.S.	106
Breton Cove, N.S.	106
Bridgeburg, Ont., public building	90
Bridges and Roads	61
Bridgewater, N.S., public building	79
Brighton, Ont., public buildings	90
Brighton, Ont., wharf	115
British Columbia, telegraphs	68, 122
Broad Cove, N.S.	106
Brockville, Ont., public buildings	90
Brockville, Ont., wharf	115
Bromptonville, P.Q.	111
Brooklyn, N.S.	106
Brownsburg, P.Q., post office	83
Bryants Landing, P.Q.	111
Bryson Bridge	62, 121
Buckingham, P.Q., public building	14, 83
Buctouche, N.B.	110
Buildings under lease	137
Burdwood, Bay, B.C.	118
Burford, Ont., post office	90
Burgoyne Bay, B.C.	118
Burk's Falls, Ont.	115
Burke's Head, N.S.	106
Burleigh Falls, Ont.	115
Burlington, Ont., military hospital	21, 90
Burlington Channel, Ont., bridge	62, 121
Burlington Centre, N.S.	106
Burnaby, B.C.	118
Burnt Church, N.B.	110
Burton Court House, N.B.	110
Burton, B.C.	118
Byng Inlet, Ont.	49, 115
C	
Cabano, P.Q.	111
Cable Ship Tyrian	68, 121
Cacouna, P.Q.	111
Caledonia, Ont., public buildings	91
Calgary, Alta., public buildings	20, 99
Campbellford, Ont., armoury	91
Campbell River, B.C.	118
Campbellton, N.B., public building	81
Campbellton, N.B., wharf	110
Campobello, N.B., public building	81
Canso, N.S.,	49, 106
Canso, N.S., public building	79
Cap à l'Aigle, P.Q.	111
Cap Bald, N.B.	110
Cape Breton, N.S., telegraphs	67, 121
Cap Chat, P.Q.	111
Cape Cove, P.Q.	111
Cape Croker, Ont.	115
Cap des Rosiers, P.Q.	49, 112
Cap Ray telegraphs	121
Cap Rouge, P.Q., experimental farm	83
Cap St. Ignace, P.Q.	112
Caraquet, N.B.	110
Carberry, Man., post office	96

Names of Places, etc.	Page
C	
Cardinal, Ont., post office	91
Caribou Island, N.S.	106
Carleton Place, Ont., public building	91
Carleton, P.Q.	112
Carman, Man., public building	96
Carroll's Landing, B.C.	118
Carr's Landing, B.C.	43, 118
Cascade Harbour, B.C.	118
Castle Bay, N.S.	106
Caughnawaga, P.Q.	112
Cayuga, Ont., public building	91
Champlain, P.Q., dry dock	60, 71, 76
Champlain, P.Q.	112
Chalk River, Ont., experimental station	91
Chapel Cove, N.S.	23, 106
Chapleau, Ont., post office	91
Charlemagne, P.Q.	112
Charlo's Cove, N.S.	106
Charlottetown, P.E.I., public buildings	14, 81
Charlottetown, P.E.I., dredging	27, 109
Charlton, Ont.	115
Chase's Point, N.B.	110
Chateau Richer, P.Q.	112
Chatham, N.B., public buildings	81
Chatham, N.B.	110
Chatham-Escuminac, telegraphs	67, 121
Chatham, Ont., public buildings	91
Chegoggin, N.S.	23, 106
Chemainus, B.C.	118
Chesley, Ont., public building	91
Cheticamp, Point, N.S.	106
Chevarie, N.S.	106
Chicoutimi, P.Q.	112
Chicoutimi, P.Q., public building	83
Chief Accountant, report	79
Chief Architect, report	13
Chief Engineer, report	23
Chilliwack, B.C.	118
Chilliwack, B.C., post office	101
Chimney Corner, NS.	106
Chipman's Brook ,N.S.	106
Chlorydormes, P.Q.	50, 111
Chockfish, N.B.	110
Chocolate Cove, N.B.	50, 110
Chris Cove, N.S.	106
Christina Creek, B.C.	118
Church House, B.C.	118
Church Point, N.S.	106
Clark's Harbour, N.S., post office	79
Clark's Harbour, N.S., dredging	50, 106
Clinton, Ont., public building	91
Coaticook, P.Q., public buildings	83
Cobalt, Ont., post office	91
Cobourg, Ont., public buildings	91
Cobourg, Ont., harbour	37, 50, 115
Colborne, Ont., public building	91
Collector of Revenue	71
Collection of Public Works revenue	71, 122
Collingwood, Ont., public buildings	91
Collingwood, Ont., harbour	37, 115
Collins Bay, Ont.	50, 115
Colpoy's Bay, Ont.	115
Comeauville, N.S.	23, 106
Comeau's Hill, N.S.	106
Comox, B.C., post office	101
Compton, P.Q., post office	83
Contracts let	124
Contrecoeur, P.Q.	112
Cookshire, P.Q., public building	83
Coquitlam, B.C.	118
Cornwall, Ont., public building	91
Coteau Landing, P.Q.	112
Côte Ste. Catherine, P.Q.	32, 112
Courtenay, B.C.	101

Names of Places, etc.	Page
C	
Courtenay Bay, N.B	30, 111
Coutts, Alta., immigration building	100
Cow Bay, N.S	106
Cranbrook, B.C., public buildings	101
Creignish, N.S	106
Cribbin's Point, N.S	106
Croft's Cove, N.S	106
Culloden, N.S	106
Cumberland, B.C., public building	101
Cumberland, Ont	115
Cumming's Cove, N.B	110
D	
Dalhousie, N.B	110
Dalhousie, N.B., public building	81
Dartmouth, N.S., public buildings	79
Dartmouth, N.S., military buildings	79
Dartmouth (Eastern Passage) N.S	106
Dauphin, Man., public buildings	19, 96
Davis Bay, B.C	44, 118
Deep Cove, B.C	118
Deer Park, B.C	118
Deer Rock, B.C	118
Delta, Man	43, 117
Denman Island, B.C	118
Depot Harbour, Ont	115
Deputy Minister's report	1
Deschaillons, P.Q	32
Deschambault, P.Q	50, 112
Deseronto, Ont., public building	91
Devil's Island, N.S	106
Digby, N.S., public buildings	79
Digby, N.S	23, 50, 106
Digby Island, B.C	118
Dipper Harbour, N.B	110
D'Israeli, P.Q., wharf	112
D'Israeli, P.Q., public building	83
Donatellis Landing, B.C	118
Dorchester County, telegraphs	121
Dorval, P.Q	112
Doucet's Landing, P.Q	112
Douglastown, P.Q	112
Douglas, B.C., public buildings	101
Dover, N.S	106
Dredging	3, 49, 121, 123
Dredge vessels	56
Dresden, Ont., post office	91
Drummondville, P.Q., public building	83
Dry Docks	4, 60, 71
Dublin Shore, N.S	106
Duncan, B.C., public building	101
Dundas, Ont., public building	91
Dundee, P.Q., custom house	83
Dunn's Cove, P.Q	49, 112
Dunnville, Ont., public buildings	91
Durham, N.B	110
E	
Eagle Bay, B.C	44, 118
Eagle Cliff, B.C	118
Eagle Head, N.S	106
East Angus, P.Q., public building	83
East Arrow Park, B.C	118
East Berlin, N.S	106
East End, N.S	106
East Green Harbour, N.S	106
East Port Midway, N.S	106
East Ship Harbour, N.S	106
East Templeton, P.Q	112
Echourie, P.Q	55, 112
Edgewood, B.C	118
Edmonton, Alta., public buildings	20, 100

Names of Places, etc.	Page
E	
Edmonton, Alta., bridge	121
Edmonton South, Alta., public building	100
Edmundston, N.B., public buildings	81
Edmundston, N.B., bridge	121
Edson, Alta., immigration building	101
Eganville, Ont., post office	91
Eight Mile Creek, B.C	118
Ellesmere Island, buildings	21, 105
Elmira, Ont., post office	91
Elora, Ont., post office	91
Emerson, Man., public buildings	96
Escuminac, N.B., telegraphs	67, 121
Esquimalt, B.C., harbour	118
Esquimalt, B.C., military buildings	22, 101
Esquimalt, B.C., graving docks	4, 61, 71, 74, 118
Essex, Ont., public building	91
Estevan, Sask., public buildings	98
Evandale, N.B	110
Ewing's Landing, B.C	118
Expenditure	1, 123
Exeter, Ont., post office	91
F	
Fabre, P.Q	112
Fairhaven, N.B	110
Fairville, N.B., post office	81
Fame Point, P.Q	50, 112
Fanny Bay, B.C	118
Farnham, P.Q., public building	83
Fassett, P.Q	112
Father Point, P.Q	112
Feltzen South, N.S	106
Fergus, Ont., public building	91
Fernie, B.C., public building	101
Fernwood, B.C	118
Ferries	4, 72, 78
Finch, Ont., dairy station	91
First South, N.S	107
Five Islands, N.S	107
Flags for public buildings	105
Forest Glen, B.C	118
Fort Coulonge, P.Q	112
Fort Dufferin, N.B	30
Fort Francis, Ont., immigration building	91
Fort McMurray, Alta	117
Fort Steele, B.C., immigration building	101
Fort William, Ont	37, 115
Fort William, Ont., public buildings	91
Fox Island, N.S	107
Fox River, P.Q	112
Fraser River, B.C	50, 118
Fraserville, P.Q., public building	83
Fredericton, N.B., public buildings	81
Freeport, N.S	107
French River, N.S	107
French River, Ont	115
French River, P.E.I	109
Friar's Head, N.S	24, 107
Fruid's Point, N.S	107
Fulford Harbour, B.C	118
G	
Gagetown, N.B	110
Galena, B.C	44, 118
Galt, Ont., public building	16, 91
Gananoque, Ont., wharf	115
Gananoque, Ont., public buildings	91
Ganges Harbour, B.C	118
Garthby, P.Q	112
Gaspé, P.Q	32, 112
Gaspé, P.Q., post office	83
Gaspareaux River, N.B	110

Names of Places, etc.	Page
G	
Georgetown, P.E.I., public building	81
Georgetown, P.E.I., wharf	109
Georgeville, P.Q.	112
Gibbon's Point, Ont.	51
Gibson Landing, B.C.	118
Gillies Bay, B.C.	118
Gillis Point, N.S.	107
Gimli, Man., post office	96
Glace Bay, N.S., public building	79
Gleichen, Alta., armoury	101
Glencoe, Ont., post office	91
Gleneden, B.C.	119
Goderich, Ont., public buildings	91
Goderich, Ont.,	37, 51, 116
Goose Bay, N.S.	107
Goose River, Man.	51, 117
Gower Point, B.C.	119
Gowland Harbour, B.C.	44, 119
Grace Harbour, B.C.	119
Grafton, Ont.	91
Granby, P.Q., public buildings	83
Grand Anse, P.Q.	51, 112
Grand Bend, Ont.	116
Grand Entrée, P.Q.	112
Grand Etang, N.S.	51, 107
Grand Falls, N.B., post office	81
Grand Forks, B.C.	101
Grand Marais, Man.	117
Grand Mère, P.Q., post office	83
Grand Narrows, N.S.	107
Grande Prairie, Alta., public building	20, 101
Grand River, P.E.I.	109
Grande Rivière, P.Q.	32, 112
Granite Bay, P.Q.	119
Grantham's Landing, B.C.	119
Gratuities paid	122
Gravelbourg, Sask., public building	98
Graving docks	71
Great Salmon River, N.B.	110
Greek River, P.E.I.	27, 109
Greenwood, B.C., post office	102
Grey's Creek, B.C.	119
Grimsby, Ont., public building	91
Grimsby, Ont., wharf	116
Grindstone, P.Q.	32, 112
Grondines, P.Q.	112
Grosses Coques, N.S.	107
Grosse Isle, P.Q., telegraphs	121
Grosse Isle, P.Q., quarantine station	15, 83, 112
Grosse Roche, P.Q.	112
Grouard, Alta., immigration building	101
Guelph, Ont., public buildings	91
Gunter's Wharf, N.B.	110
Guysborough, N.S., public building	79
H	
Haileybury, Ont.	38, 116
Halcyon, B.C.	119
Halifax, N.S., public buildings	79
Halifax, N.S., graving dock	107
Hall's Harbour, N.S.	107
Hamilton, Ont., public buildings	16, 92
Hampton, N.B., public building	81
Hampton, N.S.	107
Haney, B.C.	119
Hanover, Ont., post office	92
Hantsport, N.S.	107
Harbour au Bouche, N.S.	107
Harbour and river works	2, 23, 106, 123
Harbourville, N.S.	107
Harbourview, N.S.	107
Hardy Bay, B.C.	119
Harricanaw river, P.Q.	122
Harriston, Ont., public building	92
Harrop, B.C.	119
Harrow, Ont., tobacco curing station	92
Hartland, N.B., post office	81
Hatzic, B.C.	119
Hawkesbury, Ont., public building	92
Hawkesbury bridge	121
Heating, lighting, etc.	88
Hemmingford, P.Q., public buildings	83
Heriot Bay, B.C.	119
Hespeler, Ont., post office	92
Hickey's Wharf, P.E.I.	109
High Falls, P.Q.	112
Hillsborough, N.B., post office	81
Honfleur, P.Q.	112
Hope Bay, B.C.	119
Hopkins Landing, B.C.	119
Hornby Island, B.C.	119
Horse Creek, Sask.	117
Hospital Bay, P.Q.	112
House Harbour, P.Q.	112
Hull, P.Q., wharf	112
Hull, P.Q., public buildings	15, 83
Humboldt, Sask., public buildings	98
Huntingdon, B.C, immigration building	102
Huntingdon, P.Q., post office	83
Huntspoint, N.S.	107
Huntsville, Ont., public buildings	92
Huntsville, Ont., wharf	116
Hurd's Point, P.E.I.	109
I	
Iberville, P.Q., public building	83
Iberville, P.Q., wharf	112
Ile aux Coudres, P.Q.	112
Ile aux Grues, P.Q.	112
Ile Perrot, P.Q.	54, 112
Ile Verte, P.Q.	112
Indian Brook, N.S.	107
Indian Head, Sask., public buildings	98
Ingersoll, Ont., public buildings	92
Inspection boats	122
Invermere, B.C., experimental farm	102
Inverness, N.S.	51, 107
Inverness, N.S., public building	80
Ioco, B.C.	119
Iona, N.S.	107
Irving's Landing, B.C.	119
Isaac's Harbour, N.S.	107
J	
James Bay, B.C.	46
Jersey Cove, P.Q.	51, 112
Joggins, N.S.	107
Johnstons Harbour, N.S.	24, 107
Johnson's Landing, B.C.	119
Joliette, P.Q., public building	83
Jonquières, P.Q., post office	83
Judique, N.S.	107
K	
Kagawong, Ont.	116
Kamloops, B.C., public buildings	102
Kamouraska, P.Q.	112
Kapuskasing, Ont., experimental farm	92
Kars, N.B.	51, 110
Kaslo, B.C.	119
Kelly's Cove, N.S.	107
Kelowna, B.C.	102
Kemptville, Ont., post office	92
Kenora, Ont., public buildings	92

Names of Places, etc.	Page
K	
Kenora, Ont., wharf	116
Kentville, N.S., experimental farm	80
Kentville, N.S., public buildings	80
Keppoch, P.E.I., immigration building	81
Kerrobert, Sask	98
Killarney, Man	96
Kincardine, Ont., post office	92
Kincardine, Ont., harbour	38, 51, 116
Kincolith, B.C	119
Kindersley, Sask., public buildings	98
Kingsgate, B.C	102
Kingsport, N.S	107
Kingston, Ont	38, 51, 116
Kingston, Ont., military buildings	22, 92
Kingston, Ont., graving dock	72, 116
Kingsville, Ont	116
Kingsville, Ont., post office	92
Kitchener, (Berlin),Ont., public building	92
Knowlton, P.Q., public building	83
Knowlton Landing, B.C	112
Kootenay Lake, B.C	119
Kootenay Landing, B.C	119
Kouchibougouac, N.B	110
Kuper Island, B.C	119
L	
Lac des Isles, P.Q	112
Lachine, P.Q., public buildings	83
Lachine, P.Q., wharf	112
Lachute, P.Q., public buildings	83
Lacolle, P.Q., immigration office	83
Lacolle, P.Q	112
Lacombe, Alta., experimental farm	101
Ladner, B.C	119
Ladysmith, B.C., public building	102
LaFerme, P.Q., experimental farm	83
La Have Island, N.S	107
Lakefield, Ont., post office	93
Lake Nipissing, Ont	116
La Malbaie, P.Q	112
Lambert's Pier, P.E.I	109
Lands leased	137
Langley, B.C	119
Lanoraie, P.Q	112
Lansdowne, Ont., post office	93
LaPasse, Ont	116
Laprairie, P.Q., public building	83
L'Assomption, P.Q., public building	83
Lauzon, P.Q., dry docks	112
Lavaltrie, P.Q	113
Lawlor's Island, N.S	13, 107
Leamington, Ont., wharf	116
Leamington, Ont., public buildings	93
Leases	6, 137
Lennoxville, P.Q., experimental farm	83
Leonardville, N.B	51, 110
LePas, Man., post office, etc	96
LePas, Man	51, 117
Les Eboulements, P.Q	113
L'Etete, N.B	110
Les Grandes Bergeronnes, P.Q	113
Lethbridge, Alta., public buildings	101
Levis, P.Q., dry docks	71, 75
Levis, P.Q., post office	83
Lindsay, Ont., public building	93
Lion's Head, Ont	116
Liscombe, N.S	107
L'Islet, P.Q	113
Listowel, Ont., public building	93
Litchfield, N.S	107
Little Aldouane, N.B	110
Little Anse, N.S	107
Little Bras d'Or, N.S	107
Little Current, Ont	38, 52, 116
Little Harbour, N.S	107
Little Lameque, N.B	110
Little Narrows, N.S	107
Little Pembina River, Man	117
Little River, N.S	107
Liverpool, N.S., public building	80
Livingston Cove, N.S	107
Lloydminster, Sask., public buildings	98
Lockeport, N.S	107
Loggieville, N.B	110
London, Ont., public buildings	16, 93
Long Beach, B.C	119
Long Cove, N.S	107
Long Point, N.S	107
Longueuil, P.Q., public building	84
Longueuil, P.Q., wharf	113
Lord's Cove, N.B	110
Loretteville, P.Q., post office	84
L'Orignal, Ont., post office	93
L'Orignal, Ont., wharf	39, 116
Lorne Dry Dock, P.Q.,	61, 71, 75, 112
Lotbinière, P.Q	113
Louiseville, P.Q., post office	84
Louis Head, N.S	52, 107
Lower Argyle, N.S	107
Lower Caraquet, N.B	110
Lower L'Ardoise, N.S	107
Lower Montague, N.S	27
Lumby, B.C., office space	102
Lund, B.C	119
Lunenburg, N.S., public building	80
Mc	
McAdam's, B.C	119
McAuley's Shore, P.E.I	109
McDonald's Landing, B.C	119
McKay's .B.C	119
McKay's Point, N.S	107
McNair's Cove, N.S	107
M	
Mabou, N.S	107
MacLaren's Landing, Ont	116
Macleod, Alta., public building	101
Magdalen Islands, P.Q	33, 52
Magdalen Islands, P.Q., telegraphs	67, 121
Magog, P.Q	113
Magog, P.Q., public buildings	84
Main River, N.B	110
Maitland, N.S	107
Malagash, N.S	107
Malagawatch, N.S	52, 107
Malbaie, P.Q	113
Malignant Cove, N.S	107
Maple Creek, Sask, public building	98
Marble Cove, N.B	110
Margaree, N.S	24, 107
Margaretville, N.S	107
Marieville, P.Q., public building	84
Maritime Provinces, telegraphs	121
Markham, Ont., post office	93
Marysville, N.B., public building	82
Masson, P.Q	113
Matane, P.Q., harbour	33, 113
Matane, P.Q., post office	84
Matapedia bridge	61, 121
Matsqui, B.C	119
Maxville, Ont., post office	93
Mayme Island, B.C	119
Meaford, Ont	116
Meat Cove, N.S	107

Names of Places, etc.	Page
M	
Medicine Hat, Alta., public buildings	101
Megantic, P.Q., public buildings	84
Megantic, P.Q., wharf	113
Melford, N.S.	24, 107
Melfort, Sask., post office	98
Melita, Man., post office	96
Merrickville, Ont., post office	93
Midland, Ont., public buildings	93
Midland, Ont.	52, 116
Middle Island, N.B.	29, 110
Mildmay, Ont., post office	93
Military Buildings	5, 21
Mill Creek, N.S.	24, 107
Miller's Landing, B.C.	119
Mille Vaches, P.Q.	33, 113
Millhaven, Ont.	39, 116
Milltown, N.B., public building	82
Mills Point, N.B.	110
Milton, Ont., post office	93
Milverton, Ont., post office	93
Miminigash, P.E.I.	109
Minaki, Ont.	116
Minasville, N.S.	107
Minnedosa, Man., public building	96
Mink River, P.E.I.	109
Miramichi River, N.B.	52, 110
Mirror Lake, B.C.	119
Miscellaneous	122
Miscou, N.B.	110
Mission, B.C.	119
Mistassini, P.Q.	113
Mitchell, Ont., public building	93
Mitchell's Bay, Ont.	39, 116
Moncton, N.B., public buildings	82
Moncton, N.B., wharf	110
Monetville, Ont.	116
Montague, P.E.I., public building	81
Montebello, P.Q.	113
Mont Joli, P.Q., post office	84
Mont Louis, P.Q.	52, 113
Montmagny, P.Q., public buildings	15, 84
Montmagny, P.Q.	52, 113
Montreal, District, P.Q.	52
Montreal, River, Ont.	116
Montreal, P.Q., public buildings	84
Montreal Dry Dock	113
Monuments	122
Moose Bay, P.Q.	113
Moose Jaw, Sask., public buildings	20, 98
Moosomin Sask., land office	98
Morden, Man., public buildings	96
Morrisburg, Ont., post office	93
Moulies River, N.B.	110
Mount Forest, Ont., public building	93
Mount Lehman, B.C.	119
Mount Stewart, P.E.I.	27, 109
Murray Bay, P.Q.	113
Murray Bay, P.Q., post office	85
Musgraves, B.C.	44, 119
N	
Nakusp, B.C.	119
Nanaimo, public buildings	102
Napanee, Ont., public building	93
Napierville, P.Q., post office	85
Nappan, N.S., experimental farm	80
Naramata, B.C.	119
Naas, B.C.	52
Natashquan, P.Q.	113
National Gallery	11, 151
Necum Teuch, N.S.	24, 107
Needles, B.C.	119
Neepawa, Man., post office	97

Names of Places, etc.	Page
N	
Neguac, N.B.	110
Neil's Harbour, N.S.	52, 107
Nelson, B.C., public buildings	102
Nelson, N.B.	110
Netley cut bridge	121
New Campbellton, N.S.	107
Newcastle, N.B.	52, 110
Newcastle, N.B., public building	82
Newcastle, slides and booms	71
New Carlisle, P.Q.	113
Newellton, N.S.	107
New Glasgow, N.S., public buildings	80
New Glasgow, N.S., wharf	24, 108
Newfoundland, telegraphs	67
New London, P.E.I.	28, 109
Newmarket, Ont., public buildings	16, 93
New Massett, B.C.	119
Newport, P.Q.	113
New Richmond, P.Q.	113
New Westminster, B.C.	119
New Westminster, B.C., public buildings	102
Niagara Falls, Ont., public buildings	93
Nicolet, P.Q., public buildings	85
Nicolet, P.Q., wharf	113
Nicomen, B.C.	45, 52, 118
Noel, N.S.	108
Nominingue, P.Q., wharf	113
North Battleford, Sask., public buildings	98
North Bay, Ont., breakwater	40, 116
North Bay, Ont., public buildings	93
North Cove, P.Q.	49, 113
North East Harbour, N.S.	108
North Gut, N.S.	108
North Head, N.B.	110
North Ingonish, N.S.	108
North Portal Sask., immigration building	98
North River, P.E.I.	109
North Shore, St. Lawrence telegraphs	67, 121
North Sydney, N.S., public buildings	80
North Sydney, N.S.	25, 108
North Vancouver, B.C., public building	102
Norway Bay, P.Q.	113
Norwich, Ont., post office	93
Notre Dame du Lac, P.Q.	113
Notre Dame des Sept Douleurs, P.Q.	33, 113
Nyanza, N.S.	108
O	
Oak Point, N.B.	110
Oakville, Ont.	116
Ogden's Pond, N.S.	25, 108
Okanagan, B.C.	119
Orangedale, N.S.	108
Orangeville, Ont., public buildings	93
Orillia, Ont., public buildings	93
Oromocto, N.B.	110
Osborne, N.S.	108
Oshawa, Ont., public buildings	93
Oshawa, Ont., wharf	116
Osland Park, B.C.	45, 119
Ottawa, Ont., art gallery	88
Ottawa, Ont., buildings and grounds	88
Ottawa, Ont., experimental farm	18, 88
Ottawa, Ont., Government House	88
Ottawa, Ont., Parliament buildings	6, 88
Ottawa, Ont., public buildings	16, 88
Ottawa, Ont., roads and bridges	121
Ottawa, Ont., slides and booms	71
Owen Sound, Ont., public buildings	93
Owen Sound, Ont., wharf	40, 116
Oyster Pond, N.S.	108

Names of Places, etc.	Page
P	
Pacific Highway, B.C., immigration office	102
Palmerston, Ont., post office	93
Panmure, P.E.I	109
Papineauville, P.Q	113
Paris, Ont., public buildings	93
Parker's Cove, N.S	108
Parkhill, Ont., public building	93
Parliament Buildings, Ottawa	6
Parrsboro, N.S., public building	80
Parrsboro, N.S	108
Parry Sound, Ont	40, 116
Partridge Island, N.B., quarantine	14, 30
Peace River Crossing, Alta., public buildings	21, 101
Peel Head Bay, P.Q	113
Pelee Island, Ont., telegraphs	67, 122
Pelee Island, Ont	52, 116
Pembroke, N.S	108
Pembroke, Ont., public building	18, 93
Pembroke, Ont., wharf	25, 116
Penetanguishene, Ont	116
Penticton, B.C	119
Percé, P.Q., post office	85, 113
Pereaux, N.S	108
Peribonka, P.Q	113
Perth, Ont., public buildings	93
Peterborough, Ont., public buildings	93
Petit Cap, P.Q	53, 113
Petit de Grat, N.S	108
Petite Lamèque, N.B	110
Petite Rivière, N.S	25, 53, 108
Petit Rocher, N.B	29, 110
Petit Saguenay, P.Q	113
Petrolia, Ont., public building	18, 94
Philipsburg, P.Q	33, 113
Pickett's Pier, N.S	108
Picton, Ont., public building	94
Pictou, N.S., public buildings	80
Pictou Island, N.S	108
Pictou Light Beach, N.S	108
Pierreville, P.Q., public building	85
Pierreville, P.Q., wharf	113
Pilot Mound (Lisgar), Man	97
Pincher, Creek, Alta, forestry office	101
Pitt Lake, B.C	119
Pleasant Bay, N.S	108
Plessisville, P.Q., post office	85
Pointe à Elie, P.Q	34, 113
Pointe à la Frégate, P.Q	53, 113
Pointe à la Loupe (St. Eloi), P.Q	34, 53
Pointe aux Anglais, P.Q	113
Pointe au Pic, P.Q	113
Pointe aux Trembles, P.Q	34, 113
Pointe Bourque, P.Q	34, 113
Pointe Cavagnole, P.Q	34, 113
Point Edward, Ont	53, 116
Point Fortune, P.Q	113
Point Grey, B.C., hospital	102
Pointe Jaune, P.Q	53, 113
Pointe Madeleine, P.Q	113
Pointe Piché, P.Q	113
Point Shea, P.Q	113
Point Traverse, Ont	116
Poltimore, P.Q	34, 113
Pontypool, Ont., military building	94
Poplar Island, B.C.,	119
Portage la Prairie, Man., public building	97
Portage du Fort, bridge	121
Portage River, N.B	110
Port Alberni, B.C., post office	102
Port Alfred, P.Q	113
Port Arthur, Ont., (See Bare Point)	
Port Arthur, Ont., public buildings	18, 94
Port Borden, P.E.I	81

Names of Places, etc.	Page
P	
Port Bruce, Ont	40, 116
Port Burwell, Ont	41, 116
Port Clements, B.C	119
Port Colborne, Ont., public buildings	94
Port Colborne, Ont., breakwaters	41, 116
Port Daniel, P.Q	113
Port Dover, Ont	116
Port Dufferin, East, N.S	108
Port Elgin, Ont	53, 116
Port Felix, N.S	108
Port George, N.S	108
Port Greville, N.S	108
Port Hastings, N.S	108
Port Hawkesbury, N.S	108
Port Hill, P.E.I	109
Port Hood, N.S	108
Port Hope, Ont., public building	18, 94
Port Kells, B.C	119
Portland, Ont	116
Port Lorne, N.S	108
Port Maitland, N.S	25, 108
Port Moody, B.C	119
Port Mouton, N.S	108
Port Perry, Ont., post office	94
Port Rowan, Ont	116
Port Renfrew, B.C	119
Port Stanley, Ont	116
Portuguese Cove, N.S	108
Port Wade, N.S	108
Poulamond, N.S	108
Powassan, Ont., armoury	94
Powell River, B.C	119
Pownal, P.E.I	109
Prescott, Ont., public buildings	19, 94
Preston, Ont., post office	94
Prince Albert, Sask., public buildings	98
Prince Rupert, B.C	119
Prince Rupert, B.C., public buildings	102
Princeton, Ont., post office	94
Printing and stationery	105
Properties purchased and sold	132
Properties leased	137
Providence Bay, Ont	116
Public Buildings	5, 13, 79, 123
Pubnico Head, N.S	108
Q	
Qu'Appelle, Sask	98
Quarantine telegraphs	67
Quatsino, B.C	119
Quebec county telegraphs	67, 121
Quebec city harbour	53, 113
Quebec city, public buildings	85
Queen's Bay, B.C	119
Queen Charlotte City, B.C	119
Quinze Collets, P.Q	54
Quyon, P.Q	113
R	
Rainy River, Ont., wharf	116
Rat Creek, Man	51, 117
Recapitulation	123
Reclassification	122
Red Deer, Alta., public buildings	101
Red Point, P.E.I	109
Red River, Man	117
Red Store, N.B	110
Reeders Cove, P.Q	50
Regina, Sask., public buildings	98
Renata, B.C	119
Renfrew, Ont., public building	19, 94

Names of Places, etc.	Page
R	
Rents	72
Repentigny, P.Q.	35, 113
Retirement Act, expenditure	122
Revelstoke, B.C., public buildings	103
Revenue	1, 71
Richard's Landing, Ont	116
Richardson, N.B	110
Richibucto, N.B., public building	82
Richibucto Cape, N.B	29, 53, 110
Richmond, P.Q., public building	86
Rideau Hall, Ottawa	88
Ridgetown, Ont., post office	94
Rigaud, P.Q., public buildings	86
Rigaud, P.Q., wharf	113
Rimouski, P.Q.	35, 113
Rimouski, P.Q., public building	86
River gaugings	122
Riverport, N.S.	25
Riviere à la Loupe, P.Q.	114
Rivière aux Renards, P.Q.	114
Rivière aux Vases, P.Q.	114
Rivière Blanche, P.Q.	114
River Bourgeois, N.S.	108
River Hébert, N.S.	108
Rivière des Vases, P.Q.	114
Rivière du Lièvre, P.Q., lock	114
Rivière du Loup, P.Q.	114
Rivière Nicolet, P.Q.	114
Rivière Ouelle, P.Q.	114
Riverport, N.S.	108
River St. Charles, N.B.	110
Rivière St. François, P.Q.	114
River St. Louis, N.B.	55, 110
Riverside, B.C.	119
River Thames, Ont.	116
Roads and bridges	121
Robert's Bay, B.C., wharf	119
Robert's Creek, B.C.	119
Roberval, P.Q., public buildings	86
Roberval, P.Q., wharf	114
Rock Bay, B.C.	47
Rock Island, P.Q., post office	86
Rocky Mountain, Alta., forestry office	101
Rondeau, Ont.	116
Rosseau, Ont.	116
Rosetown, Sask., military building	99
Ross Ferry, N.S.	108
Rossland, B.C., public building	103
Rosthern, Sask., experimental farm	99
Rothesay, N.B.	110
Round Hill, N.S.	108
Roy, B.C.	119
Ruisseau Jacob Hughes, P.Q.	53, 114
Ruisseau à la Loutre, P.Q.	114
Ruisseau à la Patate, P.Q.	54, 114
Ruisseau des Olives, P.Q.	53, 114
Ruisseau Arbour, P.Q.	53, 114
Rustico, P.E.I.	28, 109
Ruskin, B.C.	119
St	
Ste. Adelaïde de Pabos, P.Q.	114
Ste. Agathe des Monts, P.Q., post office	86
St. Alexis, P.Q.	114
St. Alphonse, P.Q.	114
St. Andrews, N.B., wharf	110
St. Andrews, Man.	117, 121
St. Anicet, P.Q.	114
Ste. Anne de Beaupré, P.Q.	114
Ste. Anne de Bellevue, P.Q., post office	86
Ste. Anne de Bellevue, P.Q., hospital	86
Ste. Anne de Bellevue, P.Q., wharf	114
Ste. Anne de Chicoutimi, P.Q.	114

Names of Places, etc.	Page
St	
Ste. Anne des Monts, P.Q.	114
Ste. Anne de la Pocatière, P.Q., experimental farm	86
Ste. Anne de la Pocatière, P.Q., wharf	114
Ste. Anne de Sorel, P.Q.	114
St. Antoine de Richelieu, P.Q.	35, 114
St. Antoine, P.Q.	114
St. Antoine de Tilly, P.Q.	114
St. Boniface, Man., public building	97
St. Catharines, Ont., public buildings	94
St. Charles de Caplan, P.Q.	35, 114
St. Charles de Richelieu, P.Q.	114
St. Charles River, N.B.	54
St. Dominique, P.Q.	114
Ste. Emilie, P.Q.	114
St. Etienne de Malbaie, P.Q.	35, 54, 112
St. Eustache, P.Q., post office	86
Ste. Famille, P.Q.	114
St. Félix de Valois, P.Q., post office	86
St. François (Isle d'Orleans), P.Q.	114
St. François du Lac, P.Q.	114
St. Fulgence, P.Q.	114
St. Gabriel de Brandon, P.Q. post office	86
St. Georges de Beauce, P.Q., post office	86
St. Georges de Malbaie, P.Q., post office	114
Ste. Geneviève, P.Q.	114
St. Hyacinthe, P.Q., public building	86
St. Hilaire, P.Q.	114
St. Irénée les Bains, P.Q.	114
St. Jacques de l'Achigan, P.Q., post office	86
St. Jean d'Orléans, P.Q.	54, 114
St. Jean des Chaillons, P.Q.	114
St. Jean, ile Perrot, P.Q.	54, 114
St. Jean Port Joli, P.Q.	114
St. Jérôme, P.Q., public building	86
St. Jérôme, P.Q.	114
St. Joachim, P.Q.	54
St. John West, N.B., public buildings	82
St. John West, N.B.	14, 111
St. John, N.B., public buildings	14, 82
St. John, N.B., harbour	30, 54, 111
St. Johns, P.Q., public buildings	86
St. Johns, P.Q., booms	114
St. Joseph de Beauce, P.Q., post office	86
St. Joseph du Moine, N.S.	108
St. Joseph de Sorel, P.Q.	114
St. Joseph de Vauvert, P.Q.	114
St. Lambert, P.Q., post office	15, 86
St. Laurent, P.Q.	114
St. Leonard's bridge	121
St. Louis, N.B.	52, 53
Ste. Luce, P.Q.	114
St. Mary's, Ont.	55, 94
St. Mary's River, N.S.	55, 108
St. Mary's, N.B., wharf	111
St. Mathias, P.Q.	114
St. Maurice de l'Echourie, P.Q.	55
St. Michel de Bellechasse, P.Q.	35, 114
St. Maurice River, P.Q., slides and booms	71
St. Nicholas, P.Q.	114
St. Omer, P.Q.	114
St. Ours, P.Q., wharf	115
St. Paul, P.Q.	115
St. Pierre les Becquets, P.Q.	115
St. Roch de Richelieu, P.Q.	36, 115
St. Roch des Aulnais, P.Q.	115
Ste. Rose, P.Q., post office	86
St. Siméon, P.Q.	36, 115
St. Stephen, N.B., public buildings	82
St. Stephen, N.B., wharf	111
St. Sulpice, P.Q.	36, 115
Ste. Thérèse, P.Q., public building	86
St. Thomas, Ont., public building	94

Names of Places, etc.	Page
St	
St. Tite, P.Q., post office	86
St. Yvon, P.Q.	55, 115
St. Zotique, P.Q.	36, 115
S	
Saanichton, B.C.	119
Sabrevois, P.Q.	115
Sackville, N.B., public building	82
Salaries of clerks of works	105
Salaries of engineers	120
Salmon Arm, B.C.	103, 120
Salmon River, N.S.	108
Saltcoats, Sask., military building	99
Sandheads, B.C.	118
Sand Point, Ont.	116
Sandspit Point, B.C.	120
Sandwich, Ont., public building	94
Sandy Cove, N.S.	108
Sarnia, Ont., public buildings	94
Saskatoon, Sask., public buildings	99
Saskatchewan, telegraphs	67, 122
Saugeen River, Ont.	116
Sault Ste. Marie, Ont., public buildings	19, 94
Sault Ste Marie, Ont., harbour	41, 117
Savage Harbour, P.E.I.	28, 109
Savary Island, B.C.	120
Sayabec, P.Q., post office	86
Sayward, B.C.	120
Scotch Cove, N.S.	108
Scotchtown, N.B.	111
Scott, Sask., experimental farm	99
Scott's Bay, N.S.	108
Seaforth, Ont., public building	94
Seaforth, N.S.	108
Seal Cove, N.B.	111
Seaside Park, B.C.	120
Seaside, N.S.	108
Selkirk, Man., public building	97
Selkirk, Man., repair slip	72, 77, 117
Seven Islands, P.Q.	115
Seymour Arm, B.C.	120
Shad Bay, N.S.	108
Shawinigan, P.Q., post office	86
Shawville, P.Q., post office	86
Shequindah, Ont.	42, 117
Shelburne, N.S.	108
Shelburne, N.S., public building	80
Shelburne, Ont., public building	94
Shellmouth bridge	121
Sherbrooke, P.Q., public buildings	87
Shippigan, N.B., harbour	111
Shippigan Gully, N.B.	111
Shoal Lake, Man., post office	97
Short Beach, N.S.	108
Shushwap Lake, B.C.,	54, 120
Sidney, B.C., experimental farm	103
Sidney, B.C., wharf	120
Sidney Landing, B.C.	120
Silver Centre, Ont.	42, 117
Silverwater, Ont.	117
Simcoe, Ont., public building	94
Skeena River, B.C.	52, 120
Skidegate, B.C.	120
Slides and booms	71
Smith's Falls, Ont., public buildings	94
Snagboat Samson	118
Snug Cove, B.C.	120
Soldier's Cove, N.S.	108
Sorel, P.Q., public buildings	87
Sorel, P.Q., wharf	54, 115
Sorrento, B.C.	120
Souris, P.E.I., public building	81
Souris, Man., public buildings	97

Names of Places, etc.	Page
S	
South Cove, N.S.	108
Southampton, Ont., breakwater	117
South Lake, N.S.	108
South Lancaster, Ont.	117
Southport, P.E.I.	28, 109
Sparrow Lake, Ont.	117
Spirit River, Alta., immigration building	101
Springhill, N.S., public building	13, 80
Squamish, B.C., wharf	54, 120
Squateck, P.Q.	115
Squirrel Cove, B.C.	120
Stag Bay, B.C.	120
Stanstead Plain, P.Q., post office, etc.	87
Stellarton, N.S., post office	80
Steveston Jetty, B.C.	45, 118
Stewart, B.C.	45, 120
Stewart River, Y.T.	48, 120
Stonehaven, N.B.	111
Stonewall, Man., post office	20, 97
Stratford, Ont., public building	94
Stratford Centre, P.Q.	115
Strathmore, P.Q.	115
Strathroy, Ont., post office	94
Sturdies Bay, B.C.	120
Sturgeon Falls, Ont.	117
Sturgeon Falls, Ont., post office	95
Sudbury, Ont., public building	19, 95
Sumas, B.C.	120
Summerland, B.C., experimental farm	103
Summerland, B.C., wharf	120
Summerside, P.E.I., public buildings	81
Summerville, N.S.	108
Sunshine Bay, B.C.	120
Surveys and inspections	122
Sussex, N.B., public building	82
Sutherland, Sask., forestry buildings	99
Swift Current, Sask., public buildings	99
Sydenham River, Ont.	55, 117
Sydney, N.S., public buildings	80
Sydney, N.S., harbour	25, 108
Sydney Mines, N.S., public buildings	80
Syringa Creek, B.C.	120
T	
Tabucintac, N.B.	111
Tadoussac, P.Q.	115
Tangier, N.S.	109
Tara, Ont.	95
Tatchi River, B.C.	45, 120
Telephones	66
Telegraph lines, generally	10, 63, 121
Telegraph lines, revenue	10, 65
Terrance Bay, N.S.	109
Terrebonne, P.Q., public building	15, 87
Test borings	120
Thames River, Ont.	55
Thetford Mines, P.Q., public building	87
Thetis Island, B.C.	00
Thomas Creek, N.B.	111
Thornbury, Ont.	117
Three Fathom Harbour, N.S.	109
Three Rivers, P.Q., public buildings	87
Three Rivers, P.Q., harbour	115
Thurso, P.Q.	115
Tignish, P.E.I., public buildings	81
Tignish, P.E.I., breakwater	109
Tilbury, Ont., post office	95
Tilsonburg, Ont., post office	95
Timiskaming, telegraphs	67, 121
Tiverton, N.S.	109
Tobermory, Ont.	117
Tofino, B.C.	120
Toney River, N.S.	109

Names of Places, etc.	Page
T	
Toronto, Ont., harbour	42, 55, 117
Toronto, Ont., public buildings	19, 95
Toronto, Ont., military hospitals	22, 95
Toronto Island, Ont	117
Toronto North, Ont	95
Tracadie, N.B., lazaretto	14, 82
Tracadie, P.E.I	109
Transcona, Man., public buildings	97
Treadwell, Ont	117
Trenton, Ont., public buildings	95
Trenton, N.S., post office	80
Trois Lacs, P.Q	115
Trois Pistoles, P.Q., post office	87
Trois Pistoles, P.Q	115
Trois-Rivières, P.Q	115
Trois-Rivières, P.Q., public building	87
Trois Ruisseaux, P.Q	55
Trout Cove, N.S	109
Truro, N.S., public buildings	80
Tucker Bay, B.C	120
Tupperville, N.S	109
Turner's Island, N.S	109
Tuxedo, Man., hospital	97
Two Beacon Bar, B.C	120
Tyrian, SS. Cable Ship	68, 121
U	
Ucluelet, B.C	45, 120
Union Bay, B.C., post office	103
Union Bay, B.C	120
Upper Ottawa, storage dams	122
Upper Washabuck, N.S	109
Uxbridge, Ont., post office	95
V	
Vail's Point, Ont	117
Valleyfield, P.Q., public building	87
Van Anda, B.C	46, 120
Vancouver, B.C., public buildings	21, 103
Vancouver, B.C., military buildings	22, 103
Vancouver, B.C., harbour	46, 120
Vancouver Island, telegraphs	68, 122
Vaudreuil, P.Q	36, 115
Verchères, P.Q	115
Verdun, P.Q	55, 115
Vermilion, Alta., public building	101
Vernon River, P.E.I	109
Vernon, B.C., public buildings	21, 103
Vesuvius, B.C	120
Victoria, B.C., public buildings	104
Victoria, B.C., harbour	46, 120
Victoria Beach, Man	117
Victoriaville, P.Q., post office	87
Ville Marie, P.Q	115
Vineland, Ont., entomological station	95
Virden, Man., post office, etc	20, 97
W	
Walkerton, Ont., public building	95
Walkerville, Ont., public building	96
Wallace, N.S	109
Washabuck Centre, N.S	109
Waterloo, Ont., public building	19, 96
Welchpool, N.B	111
Welcome Harbour, B.C	120
Welland, Ont., public building	96
Welsh's Cove, N.B	111
Wendover, Ont	117
West Arichat, N.S	109
West Baccaro, N.S	109
Westbank, B.C	48, 120
West Chezzetcook, N.S	109
West Demars, B.C	120
West Head, N.S	109
Western Shore, N.S	109
West Poplar, Sask., immigration building	99
Westport, N.S	109
Westville, N.S., public building	80
Wetaskiwin, Alta., public building	101
Weyburn, Sask., public buildings	99
Weymouth, N.S., public buildings	80
Whaletown, B.C	120
Wheatley, Ont	117
Whitby, Ont., public building	96
Whitby, Ont., breakwater	43, 117
White Head, N.S	109
White Rock, B.C	120
White's Bluff, N.B	111
Whonnock, B.C	120
Whycocomagh, N.S	109
Wiarton, Ont., public building	96
Wiarton, Ont., piers	117
William's Head, B.C., quarantine station	104, 120
William's Head, B.C	104
Willow Point, B.C	120
Wilson's Beach, N.B	111
Windsor, Ont	117
Windsor, Ont., public buildings	96
Windsor, N.S	26, 55, 109
Windsor, N.S., public building	80
Wingham, Ont., public building	96
Winnipeg, Man., public buildings	20, 97
Winnipeg, Man., hospital	97
Winnipegosis, Man	55
Woburn, P.Q	115
Wolfe's Channel, N.S	26, 55
Wolfville, N.S., public building	80
Wolfville, N.S., dredging	55, 109
Wood Islands, P.E.I	109
Woodstock, N.B., public building	82
Woodstock, Ont., public building	96
Woodwards, B.C	48, 118
Y	
Yamaska River, P.Q., lock and dam	115
Yarmouth, N.S	55, 109
Yarmouth, N.S., public buildings	13, 80
York, Ont., bridge	121
Yorkton, Sask., public buildings	99
Yukon, public buildings	105
Yukon, telegraphs	68, 122

REPORT

OF THE

DEPUTY MINISTER OF PUBLIC WORKS

FOR THE

FISCAL YEAR ENDED MARCH 31, 1923

DEPARTMENT OF PUBLIC WORKS, CANADA

OTTAWA, September 15, 1923.

Honourable J. H. KING, M.D.,
Minister of Public Works,
Ottawa, Ont.

SIR,—I have the honour to submit the report of the Department of Public Works for the fiscal year ended March 31, 1923.

EXPENDITURE

The total expenditure incurred by the department during the fiscal year 1922-23 on its various works of construction, maintenance and operation amounted to the sum of $14,283,078.53.

The details of this outlay may be classified as follows:—

Harbour and river works	$5,042,746 79
Dredging, plant, etc	1,380,902 39
Roads and bridges	84,366 60
Public buildings	6,221,186 22
Telegraphs	959,888 62
Miscellaneous	593,987 91
	$14,283,078 53

As compared with the total for last year, there is a reduction of $3,656,-415.74, accounted for by reduced expenditure on public buildings of $1,180,000, demobilization $798,000, miscellaneous $172,000, and in the engineering branch $1,611,000; the exception being a slight increase of $169,300 in dredging operations.

REVENUE

The revenue for the year amounted to the sum of $784,530.54 and is made up as follows:—

Graving docks	$105,337 00
Rents	139,118 14
Telegraphs	286,036 94
Casual revenue	251,695 46
Ferries	2,343 00
	$784,530 54

As compared with last fiscal year, there is an increase of $88.310.66; the greater part of this, $71.004.77, coming under the head of casual revenue, and $28.006.84 from rents, while there is a decrease of $6.856.55 from the graving docks and of $4.094.40 in revenue from telegraphs. Almost the whole of the last mentioned decrease, however, is made up of excise tax which will go to swell the revenue of another department.

The casual revenue, amounting to $251,695.46, as compared with $180,-690.69 for last year, is made up of receipts from property sales, $107.985; sales of movables, $78,693.88; rents received for use of equipment, $41,198.12; from refunds, $20,151.72, and minor items aggregating $3,666.74.

The most important item making up the increase in rents was derived from the leasing of the Halifax Dry Dock before its purchase by the Halifax Shipyards.

HARBOUR AND RIVER WORKS

The total expenditure in this branch was $5.042.746.79, which is $1,099.410 less than last year's outlay.

The following is a list of works which have been completed during the year:—

Nova Scotia.—Chapel Cove extension to breakwater; Digby extension to spur pier; Melford extension to wharf, and Port Maitland reinforcing block.

Prince Edward Island.—Bonshaw new wharf.

New Brunswick.—Black's Harbour pier head.

Quebec.—Anse aux Gascons breakwater; Gaspé wharf renewal; Notre Dame des Sept Douleurs extension to wharf; Pointe Bourque breakwater, and Poltimore new wharf.

Ontario.—Cobourg reconstruction of harbour works; Collingwood reconstruction of east breakwater; North Bay reconstruction of wharf; Owen Sound reconstruction of wharf; Parry Sound reconstruction of wharf; Port Arthur extension to breakwater; Sheguindah reconstruction of superstructure; Silver Centre rebuilding wharf; Toronto island breakwater, and Whitby two sections of concrete superstructure.

British Columbia.—New wharves at Carr's Landing, Davis Bay, Eagle Bay-Wanlock, Musgrave's, Osland Park, Ucluelet and Van Anda.

New floats at Galena Bay and Gowland harbour; Steveston Jetty extension.

The following works were under contract, but unfinished at the end of the fiscal year:—

Nova Scotia.—Canso wharf; Chimney Corner breakwater extension, and Devil's Island breakwater extension.

New Brunswick.—Courtenay Bay works.

Quebec.—Berthierville wharf extension; Grande Rivière wharf extension; Grondines wharf; St. Etienne de Malbaie wharf; St. Michel reconstruction of wharf, and St. Omer reconstruction of wharf.

Ontario.—Aultsville wharf; Fort William breakwater extension; L'Orignal wharf extension; Millhaven wharf; Toronto harbour works.

British Columbia.—Esquimalt dry dock; Fanny Bay wharf; Stewart wharf extension, and Woodward's training wall.

DREDGING

The sum expended under this heading amounted to $1,380,902.39, which is $169,319.99 in excess of the outlay of the previous year.

As only such works as were considered urgently required in the public interest were carried out, there were a number of units of departmental plant not in commission; a number of these units were rented to private parties at considerable gain to the department.

One small dredge was constructed for work at points in the Magdalen islands, and two dredges were rebuilt in Manitoba, and one in British Columbia.

Two dredge hulls, two dredges, three tugs and eight scows for which the department had no further use were disposed of.

In British Columbia, operations were continued in the Fraser river North arm, the Fraser river main channel, and work was also performed at other points on this river. There was also work performed at various points in Victoria harbour, including Hospital and Discovery Rocks, Rock Bay and Johnson Street bridge. The other principal places at which dredging was done are: New Westminster, Bamberton, Squamish, Riverside, Pitt Lake, Ladner and Eburne. The improvement of the channel between upper and lower Arrow lakes was continued and the channel at Kootenay Landing completed.

In Manitoba, navigation was maintained in the Red river and at points on Lake Winnipeg. The dredging of a channel to the wharf at Le Pas was completed, and the entrance channel at Big George island was dredged.

In Alberta, the deepening of Horse creek, between Plamondon and Lac La Biche, was commenced.

In Ontario, dredging was undertaken in the mouth of the McIntyre river at Port Arthur to give safer access to ships coming in to the elevators, some cleaning up was also done in the Canadian Pacific Railway slip, reflecting the return to normal in the movement of the western grain crop.

The improvement in the St. Mary's river at Sault Ste. Marie, was continued and considerable work was also performed at Goderich, Toronto, Port Burwell and Port Stanley, in the interest of the large water borne commerce at these places.

The shipment of lumber, by water, warranted the department in further improving conditions in the Miramichi river, N.B., and dredging was also done in the deep water berths at St. John.

In Prince Edward Island, considerable work was done in cleaning up different wharves at Charlottetown, and there was also dredging performed at Southport, Georgetown, Beach Point and Mount Stewart.

In Nova Scotia, important works were done at Yarmouth and Lockeport.

Special reports to the number of ninety-six were forwarded to the Department of Marine covering the works of dredging performed during the season so that mariners might be kept acquainted by means of alterations of charts and notice to mariners with such work as had been accomplished.

In the further interest of efficiency, various departments of the Government which had knowledge of a special nature to this Department have been consulted to considerable advantage.

Important dredging operations were carried on at the following places in the different provinces, where an expenditure of $10,000 or over was made:—

Nova Scotia.—Lockeport, Little Bras d'Or, Petit de Grat, Riverport, Wolfville, Yarmouth.

Prince Edward Island.—Charlottetown, Mount Stewart, Southport.

New Brunswick.—Bathurst, Miramichi river, St. John.

Quebec.—Montmagny, Port Alfred, Rimouski.

Ontario.—Byng Inlet, Cobourg, Goderich, Kincardine, Port Arthur, Port Burwell, Port Stanley, Sault Ste. Marie, Sydenham river, Toronto, Thames river.

Manitoba.—Big George island, Red river.

British Columbia.—Burton, Fraser river, Skeena river, Sumas, Victoria harbour.

FERRIES

The tolls accrued during the present fiscal year amount to $2,293 from twenty-four licenses issued; one ferry paying $1,600, one $204, one $130, another $100, while the others grade down from $50 to $1 a year. Three new ferry routes, namely, La Passe and Fort Coulonge, Montebello and Alfred, and Morrisburg and Waddington, were established since last year.

The revenue collected amounts to $2,343. A balance of $1,848.62 remains uncollected since the transfer was made to this department by the Inland Revenue on July 22, 1918, and as there is little prospect of collecting these accounts, it may be as well to charge them up to profit and loss.

DRY DOCKS

Esquimalt Dry Dock

The most important and costly harbour work the department has in hand at the present time is the construction of a graving dock at Skinners cove, Esquimalt harbour, for which a contract was let in January, 1921, to Peter Lyall & Sons Construction Company, Limited. It is to be 1,150 feet in length, 135 feet in width at coping and 40 feet in depth on the sill at ordinary high water. The estimated cost is now placed at $4,950,000, exclusive of equipment.

Up to March 31, 1922, about twenty-five per cent of the work was well in hand when it was shut down until July. Work was resumed on the 7th, and at the end of the present fiscal year, the inner 700 feet had been excavated, seven cribs of the landing wharf completed, and five placed in position covered by concrete parapet and bollards and fender timbers placed. Value of work done to March 31, 1923, was $1,787,099. Before the end of the calendar year 1925 this dock should be completed and placed in commission.

It may be of interest to note that forty years ago there was not a dry dock in Canada fit to receive a vessel of 250 feet in length.

Realizing the immediate necessity for such harbour improvement, the Government, through the Quebec Harbour Commission, proceeded to build a 484, later increased to 600, foot dock at Levis, completed in 1886; at Esquimalt a 430-foot dock commenced by the Provincial Government but taken over by the Dominion was completed in 1887; and to accommodate shipping on the Great Lakes, a 313-foot dock was built at Kingston and completed in 1892.

Under subsidy agreement, a 570-foot dock was constructed at Halifax in 1889.

A few years later, the necessity for improvement was apparent but matters remained in abeyance until 1910, when the Government was convinced that it was absolutely necessary to make provision for the larger type of vessels being built, of which at least twenty-five calling at Quebec and Montreal could not be docked at any Canadian port.

In July, 1911, under subsidy agreement, in accordance with the Dry Docks Subsidies Act 9-10 Edward VII, chap. 17, the Montreal floating dock, 600 feet, was constructed.

Large type docks are now located at St. John, N.B. (subsidy) nearing completion, another at Levis (Quebec) and one building, of the 1,150-foot dimension, at Esquimalt (Victoria), both owned by the Government. A floating dry dock of the second class is being constructed at Vancouver, B.C.

There are docks at Kingston, Port Arthur and two at Collingwood, on the Great Lakes.

Canada is therefore well supplied with docking facilities capable of coping with the demands of shipping and available for the repair of all classes of vessels frequenting our harbours.

PUBLIC BUILDINGS

The sum expended on the construction, maintenance and repair of public buildings throughout the Dominion was $6,221,186.22, which is $1,180,035.48 less than the outlay of last year. Of this amount $1,338,434.63 was expended on the construction and improvement of public buildings and $4,882,751.59 in repairs and maintenance.

The following buildings were completed during the year:—

New Brunswick.—Partridge Island, power house.

Quebec.—Hull, research station.

Ontario.—Ottawa, addition to fuel testing station and a flax building at the Experimental Farm to replace one destroyed by fire; Prescott, alterations and fittings.

British Columbia.—Esquimalt, alterations and additions to naval hospital to form barracks.

Arctic Regions.—Royal Canadian Mounted Police huts.

The following buildings were still under contract at the close of the fiscal year:—

Quebec.—Terrebonne, reconstruction of public building.

Ottawa.—Parliament Buildings.

Alberta.—Grand Prairie, alterations and extension to public building.

MILITARY BUILDINGS

Ontario

Brant Hospital, Burlington.—A new roof was placed over boiler room, repairs made to heating apparatus and down pipes, and the outside of building and fire-escapes were painted.

Sydenham Hospital, Kingston.—The isolation hospital and power-house were destroyed by fire, and temporary repairs were made to the heating apparatus until February when the buildings were closed.

Westminster, London.—A cement floor was laid in engine-room, skylights and ventilators installed in laundry and power-house. In the recreation hall, a hardwood floor was laid and ventilators installed in concert hall, and part of the roof was renewed. Other buildings were improved and repaired.

Orthopædic Hospital, Toronto.—A coal conveyer was installed in the boiler-room, a ventilating system in kitchen and general repairs were made.

Rosedale Barracks, Toronto.—These buildings were taken down and material sold.

Manitoba

Fort Osborne Barracks, Winnipeg.—A division wall was built in the boiler room and general repairs and improvements were made to the heating system.

British Columbia

Fairmount Barracks, Vancouver.—Toilet equipment was installed and fire protection improved.

Shaughnessy Hospital, Vancouver.—Repairs were made to the kitchen that had been damaged by fire.

Naval Barracks, Esquimalt.—Alterations were made to the naval hospital and additional accommodation supplied to transform the buildings into barracks.

LEASES

The cost of maintaining the public buildings was $4.882,751.59, of which $1,249.625.90 was paid out as rentals for buildings or parts of buildings occupied by different departments.

The number of leases in force at the end of the fiscal year was 423, a reduction of 33, but the amount of rentals paid was $186,836.14 more than in the preceding year, resulting from a general increase in all provinces excepting Nova Scotia where there was a small reduction, but a material reduction was made at Ottawa where there are ten leases fewer and $53,619.86 less rental paid than in the last year.

The following table shows the number of leases in force and rentals paid in each province:—

Nova Scotia	24	$ 7,488 00
Prince Edward Island	5	483 25
New Brunswick	15	10,694 22
Quebec	64	101,062 26
Ottawa	54	636,106 67
Ontario	89	154,585 66
Manitoba	38	52,650 71
Saskatchewan	39	63,953 79
Alberta	44	148,355 27
British Columbia	49	73,912 07
Yukon	2	334 00
	423	$1,249,625 90

RECONSTRUCTION OF PARLIAMENT BUILDINGS

Minor construction work was continued and improvements and alterations made as required more particularly in the House of Commons where the acoustics were greatly improved. Outside the building, the old office building that contained the architect's and contractor's offices and which obstructed a clear view was taken down. The driveway to the main entrance was completed and sections of the ramp were removed which vastly improved the approach. The roadways along the sides and at the rear of the building were laid out.

The following is a detailed report of the progress made during the year:—

Exterior Masonry.—Thirty-three granite bases for new light standards have been received, twelve of which are in place ready for the malleable iron standards.

The ramp walls at the east and west ends of the building have been reduced to allow sufficient roadway to the approach to the Tower. Granite drip blocks have been placed at all angles of the building to take care of the water from

the roof. The McGee monument at the north side of the building has been taken down and erected in a new position approximately 15 to 20 feet south of the former location. Granite paving blocks were removed at the freight entrance driveway and replaced with wooden paving blocks to eliminate the noise from vehicles entering the freight entrance. A new roadway has been constructed at sides and back of the Parliament Buildings, together with the necessary storm drains, including manholes and catch basins, etc. (the asphalt surface to be installed during the coming spring). The parapet walls at the east and west ends of the building have been repointed, broken stones being replaced, also the light standards have been erected and rewired. The roadways to the ramps at the Main Tower have been resurfaced and are now asphalt macadam. The roadways at each end of the parapet walls have been treated in the same manner. At entrance to the East Gate, new limestone blocks were installed to receive cast-iron covers at this point.

Interior Stone, Marble Work and Masonry.—The two small parapets at the Senate stairs have been raised at the main floor level. New marble bases were installed at the south end of the Senate Chamber for the new wooden screen. New base blocks were placed at the new location of the screen in the Governor General's room. The six carved blocks on piers at the south end of the Senate Chamber were removed to accommodate new Senate screen. Necessary drilling was done on the marble stairs and floors of the entrance to the restaurant for fastening the carpet runners, etc., in the main dining-room. Raised saddles have been installed at all the doors to the Commons and Senate Chambers to accommodate the carpet in these two places.

New brick partitions were erected between rooms 141 and 143 to make the necessary provision for kitchen for use of the Speaker of the Senate. A portion of the north corridor, sixth floor, was partitioned off with brick and now forms part of the staff dining-room and dressing-rooms. New brick partitions were erected in room 140 to form private lavatory and dressing-room. Brick partitions were erected at the north end of the Post Office to make suitable offices for postmasters and their assistants.

Drilling of stonework was done to arches to galleries and windows in the Commons and Senate to hang curtains and draperies, also the floors of the chambers were drilled and wood strips placed to fasten the carpet at these locations.

Partitions were removed between rooms 509, 510, also 510 and 511, to enlarge the cafeteria. The stonework to windows in all rooms on the exterior elevation of the ground floor had to be drilled so the blinds could be inverted. The stonework at windows of all rooms equipped with venetian blinds had to be drilled. Two new brick walls have been erected in basement for vaults for use of architect and contractor to keep records.

Interior Woodwork.—The lower portion of wood screen in Governor General's rooms, between rooms 245 and 246 was moved to the arch between rooms 244 and 245 and a new portion to form an arch filler was furnished by the Bromsgrove Guild of Montreal. A new screen at the south end of the Senate Chamber was supplied and erected by Henry Morgan & Company, Montreal. A new wood and glass partition in room 167 was supplied and erected by Henry Morgan & Company.

New door openings were placed in partitions between rooms 101 and 102, 103 and 104, 571 and 572, 532 and 533. New storm sash to windows on north, east and west elevations of Senate Chamber. New glass window screens were placed in rooms 242, 323, 222, 461, 535, 160a and 161a.

Temporary fittings and tables were installed at the Post Office, ground floor. New shelves were placed in rooms 502, 236 and the Press room. New sash has been installed in the stone openings at rooms 160 and 161a. Silent doors have been placed between rooms 264 and 265, also in room 115. Doors at the Commons and Senate Chambers had to be reduced in height and rehung to accommodate the carpet at two locations. Table tops and trestles have been constructed for use in the private dining-rooms at the restaurant.

A temporary staircase has been built for the use of the Protective Staff Service to the top of the Tower for the raising and lowering of flag. Shelving and cupboards have been erected in room 141 for the storing of dishes and utensils for the use of the Speaker of the Senate. Room 620 has been converted into a Divorce Committee room; suitable tables and witness stands were made for same. Approximately 100 picture-frames were made and finished complete with glass and gilt mould. Eighteen coal boxes were made for fireplaces. Suitable cupboards were made for janitors' closets on the Senate side of the building, for holding mops, pails, etc. Wood blocks were made and placed in position to receive the venetian blinds. New newspaper racks were placed in position in the Commons and Senate Reading rooms.

Four burlap screens were made for use in the restaurant. Glass partitions were placed in the Debates room, third floor, and a counter placed in room 101. Wood partition was erected at north end of room 170 to make accommodation for clothes-pressing room.

Bronze Work.—The bronze vestibule doors at the main entrance have been erected by the Architectural Bronze and Iron Works. The wrought-iron and bronze handrail at the Commons entrance stairs is in position, the bronze handrail for the Senate entrance stairs has been delivered and is now ready for erection.

Plumbing.—New washbasins have been installed in rooms 101, 103, 105 and 502. New toilet was placed in room 140. New lavatory was installed in room 567, which includes a toilet and washbasin. A new sink has been installed in room 141. The four gulley grates at the Post Office entrance were connected to the main drain in basement. Screen caps have been placed over vent-pipes at the roof. A lawn sprinkling service has been installed around the buildings.

Heating and Ventilation.—Ventilating ducts have been placed in room 141, also 143 to 147 and connected to fan No. 11. Registers have also been placed in the walls over the door openings, together with other work, in these rooms. New vent ducts to the storerooms to the restaurant on the sixth floor have been installed and ventilating duct installed to room 567.

Exhaust ventilation to the refrigerators in the basement has been installed, also fresh air intake on the north wall of the building has been cut through. An additional radiator has been installed in room 140. The new skylights for over the kitchen have been made and are now ready to be installed.

Painting.—The new furniture in the building has been refinished and put in shape. Rooms 532, 533 and 567 have been painted two coats. Rooms 101, 102, 103, 154 and 545 have also been painted. Kitchen and servery repainted, also the cafeteria. Walls of the Governor General's apartments have been tinted and all necessary painting, such as pictures, frames and other materials have been installed in the building, including the Senate storm sash. New outside electric standards are being given one coat red lead as parts are finished, also finish in drop black.

Bronze and Steel Sash.—The fixed sash in room 150 and robing room off room 243 were replaced with casement sash. Bronze-covered double windows have been placed in the Commons bath-room.

Wrought-Iron Work.—Iron trimmings for eighteen coal boxes have been made, twelve fire baskets, twelve pairs fire-dogs, three fire screens, coal tongs and other fire tools have been constructed. Newal posts and brackets for the Commons and Senate stair railings, repaired old light standards on the parapet walls at front of building. Forgings for thirty-three new light standards are seventy-five per cent complete. Four special fire-dogs for the Speaker's apartments and the Commons and Senate Reading rooms are 50 per cent completed. The hinges for the Senate entrance door have been started and the railings for the mezzanine floor of main entrance hall are about 50 per cent completed.

Modelling and Carving.—Models for bosses to groins at north and south passage of Hall of Fame have been made and cast. Models and castings have been made for corbels for Hall of Fame, and a mural memorial panel for the Memorial Chamber. Models and castings for the carved cap for column at main entrance hall. Changes were made at the cornice in the Opposition Caucus room. Models and castings were made for the spiral springways from the newals for the Senate handrail. Models and castings were made for the arch to the entrance of the Senate Chamber from the south corridor. Model is made for the two lions for the carved blocks at entrance to Memorial Chamber. Models and castings were made for figures on the new screen at the south end of the Senate. Work on the new Canadian Coat-of-Arms is ready for casting. Twenty-six of the seventy-eight bosses required for main entrance hall have been completed. Models and castings for new Governor General's chair in Senate have been started.

Models for the iron and bronze work for handrail to the four windows at main entrance hall, third floor. Necessary modelling and castings have been made for special firedogs to be used in the Speaker's apartments, also the Commons and Senate Reading room. The carving was started on the two panels at the entrance to the Memorial Chamber, also main entrance to Senate off south corridor, but this was ordered to be stopped shortly after being started.

Miscellaneous.—Carpets and curtains were placed in the Commons Chamber. Curtains were placed in the Senate Chamber and the carpet laid.

Work at Stone Shops.—Stairs at tower to Memorial Chamber have been cut ready for setting.

Work on Temporary Office and Shops Around Building.—The large office at the front of the building occupied by the architect and contractor has been removed and the material handed over to the Public Works Department, Lyon street yard. A new roof has been placed on the shops on the east side of the Parliament Buildings. The machinery at the carpentry shop has been dismantled and returned to Montreal.

A new roof has been placed on the stone shops, Sussex street. The wooden sills of the crane gantry have been replaced and additional bracing added. This work was due to present sills having rotted out.

No contracts were let during the year, all the work having been given out on official orders.

Henry Morgan and Company supplied the wood screen to Senate Chamber and partition to room 167. Bromsgrove Guild supplied the woodwork to Governor General's room.

Castle & Sons supplied the counter for room 101. The Colonial Art Glass Company supplied the leaded lights for the screen to Senate Chamber.

E. Brule & Sons received the order for supplying crushed stone for the work on the new roadway. The Canada Cement Company supplied the cement for the roadways. The Stanstead Granite Quarries Company received the order for the thirty-three granite bases to the light standards. The Galt Malleable Iron Company received the order for the malleable castings for the new light standards.

New skylights over the restaurant supplied by W. G. Edge Limited. The duct work in the building supplied by McFarlane-Douglas Company. The tile for the storm drains supplied by the Ottawa Fireproof Supply Company.

The average daily force of general contractor and subcontractors during the year, was 70.

TELEGRAPHS

At the close of the fiscal year, the pole mileage was 11,531, the wire mileage 14,184¾ and the cables 363, with 1,342 offices.

The messages sent during the year aggregated 519,561, as compared with 548,181 for the preceding year, a decrease of 28,620 messages.

The expenditure on construction, repair and maintenance was $959,888.62 as against $1,024,116.11 in the previous year, a substantial decrease of $64,227.49 supplementing a decrease of $59,125.94 in 1922.

As regards revenue, the actual collections show a decrease of $878.68 only, but under the Excise Act of the Session of 1922 it became necessary to pay to the Department of Customs and Excise out of these collections the sum of $3,215.72, which will go to increase the revenue of that department, leaving the net telegraph revenue of this department short as compared with the previous year by $4,094.40. This is a very satisfactory showing considering the competition encountered in the western provinces from railway and commercial companies operating in the same district. This decrease is made up of loss in receipts of $1,000 on the Cape Breton lines, $8,500 on the Alberta and $8,300 on the Yukon lines; covered by increases of about $5,000 on the British Columbia mainland lines, and $9,400 on the Vancouver Island system. The variation in revenue on the other lines was very small.

Negotiations are now in hand to abandon several lines and branches that were built in the early days as pioneer lines to accommodate settlers in the so-called Northwest and supply them with means of keeping in touch with the affairs of the outside world. Some of these lines have outlived their usefulness, as railways and telephone companies have so encroached on the territory covered by the Government system that it is considered advisable to turn them over to the Commercial organizations.

This policy will be continued when it is found that ample facilities are provided by the commercial lines and that the lines under the control of this department are a source of unnecessary expense and with steadily decreasing revenue.

The Government did not build and maintain these telegraph services with the object of obtaining a direct profit, but the indirect benefit to the country at large is incalculable, especially on the seacoast where fishermen are constantly notified as to the location of bait and fish or, through the Signal Service, of a coming storm and they have learned to rely on the Government telegraphs to supply them with information that will increase their catch and protect their property from destruction. These systems and some others will continue to be operated by the department until such time as better means are provided to perform the same public service.

NATIONAL GALLERY

In continuation of the success achieved by the Gallery since its reopening in September, 1921, the past fiscal year has developed great improvement not only by the increased additions to its collections but by the public appreciation of artistic standards expressed through renewed and further requests for loans of pictures and prints for exhibition purposes to be held in different parts of the country.

With a view of strengthening the board and in recognition of its increasing importance, the vacancy caused by the death of Senator Boyer was filled by the appointment of three new members: J. August Richard, Esq., L.L.D., of Montreal, Que., Warren Y. Soper, Esq., of Ottawa, Ont., and Newton MacTavish, Esq., of Toronto, Ont.

The number of visitors to the Gallery during the fiscal year ended March 31, 1923, was 101,000.

Six special exhibitions were held between September, 1922, and March, 1923.

Requests were received from and exhibitions of pictures and prints were held at sixteen cities and towns:—Halifax, N.S.; Montreal, P.Q.; Fort William, London, Port Arthur, Sarnia, Sudbury, Tillsonburg and Walkerville, Ont.; Winnipeg, Man.; Regina, Sask.; Calgary and Edmonton, Alta.; New Westminster, Vancouver and Victoria, B.C.

Accessions were made to the collection during the year by purchase of twenty oil paintings, three water colours, and in sculpture a bronze statue, an Assyrian mural slab and a bas-relief; seven paintings were acquired by gifts; two paintings and a bust by diploma works, and eight hundred and ninety-three prints were added to the collection.

A detailed description of these will be found in the report of the Trustees of the National Gallery, which is inserted in the latter part of this volume.

Appended to this report will be found detailed statements from the different branches, giving full particulars of the various works carried out by the department during the year.

I have the honour to be, sir,

Your obedient servant,

J. B. HUNTER,
Deputy Minister.

PUBLIC BUILDINGS

By R. C. Wright, Chief Architect.

NOVA SCOTIA

AMHERST

Drill Hall.—The work as described in last year's report, grading, paving, gutters, drains, etc., has been fully completed.

Site for Proposed Public Building.—A wire fence was built around the site acquired for a new public building.

BADDECK

Public Building.—Built a cesspool or septic tank, and connected drain pipes from building.

Interior woodwork was painted, and the post office interior fittings were removed and replaced, giving more working space for the postmaster and better accommodation to the public.

LAWLOR'S ISLAND

Quarantine Station.—Repaired coal shed and deck of wharf damaged by fire from spontaneous combustion. Work performed by day labour.

Main Hospital.—Erection of fire-escapes, one at each end and one at back. A verandah was built at the front of the hospital, a concrete floor laid, and concrete piers built to carry the square columns. A balcony floor was laid, covered with canvas, and painted three coats. Two door openings were cut from the two upper wards for patients to enter upon the balcony.

Farm House.—A frame implement shed, size 14 by 26 feet, was erected. Walls of 2 by 4 studs, covered with T. and G. lumber and two-ply ready roofing. Roof rafters 2 by 6 covered with T. and G. lumber and three-ply ready roofing.

German Hospital.—A new frame coal shed, 12 by 16 feet was built, carried on cedar posts. Walls 2 by 4, covered with clap-boards. Roof rafters 2 by 6, covered with T. and G. lumber and three-ply ready roofing.

SPRINGHILL

Public Building.—Provided new basement entrance for removal of ashes, etc., new coal chute in basement, installed new traps and drain in basement, and necessary repairs to internal plumbing, provided new pantry and linen closets, and papered walls and calcimined ceilings in the Caretaker's apartments.

YARMOUTH

Public Building.—Caretaker's apartments were provided with enamel sink, bath tub, and hot-water boiler; repaired all woodwork, plumbing and electric wiring and painting which was damaged by the fire of February 13, 1923, and painted all wood and metal work on outside of building.

PRINCE EDWARD ISLAND

CHARLOTTETOWN

Public Building.—To provide further office accommodation a new mezzanine floor was erected over the Assistant Receiver-General's Office.

The copper roof, gutters and conductors were repaired, and the exterior woodwork painted two coats.

NEW BRUNSWICK

ST. JOHN

Custom House.—Room in basement fitted up for use as a stock room in connection with the office of the resident architect.

WEST ST. JOHN

Immigration Building.—A new chimney to a height of 41 feet from ground floor was built; piles were driven, and concrete coping and base placed, and new breaching was installed from boiler to chimney.

PARTRIDGE ISLAND

Quarantine Station.—Disinfector retorts were supplied and installed in bath-house, walls and partitions of bath house and waiting room were coated with cement plaster, painted and varnished; walls and ceilings of store-room, from base to ceiling, received three coats of plaster.

Two new fire-escapes placed on first class detention building.

New bath room complete was installed in epidemic hospital.

Addition to boiler room and installation of two new boilers in second-class detention building.

Excavation for, and installation of two new boilers in major quarantine hospital, and walls of warehouse of acetylene gas plant were torn down and rebuilt; new galvanized iron roof was built.

TRACADIE

The Lazaretto.—A small room in basement was fitted up with two nickel-plated shower baths and waterproof curtains; new concrete floor constructed with slope to floor drain; installation of hot and cold water supply from present plumbing apparatus; walls were dadoed and dividing partitions all built in wood.

A new pantry, $8\frac{1}{2}$ by 8 feet, over external stair at rear, was erected. Footings are of cedar posts, the wooden structure of floor and joists is carried by studs, siding for outside walls; inside sheathed with tongued and grooved boarding and the roof is covered with ready roofing.

QUEBEC

BUCKINGHAM

Alterations were made to post office fittings to provide 180 additional bronze boxes and equipment, including new counter for money order office.

GROSSE ISLE

Extensive repairs were made by day labour to the different buildings.

HULL

Research Station.—A contract was awarded November 10, 1922, for the construction of a building for the Department of Agriculture at the research station, Mountain Road, to be used for an animal house. The accommodation provides for small animals, guinea pigs and rabbits, and a laboratory, storage room, furnace and fuel room in the basement.

The building is a one-story structure, on a concrete foundation full size, 51½ by 26 feet 2 inches, with a monitor on roof and shingle covering.

The ground floor walls are of brick to roof. The main floor is constructed of reinforced concrete, graded to catch basins. Steel I-beams, carried by concrete piers, support the floor; the laboratory is floored with wood, and the construction of the roof is frame, 2 by 6 rafters supported on the brick walls and running beams carrying the monitor.

The building is heated from a hot-water boiler, and the system of drainage provides for the surface water of basement floor, and the waste from the toilet and basin in furnace rooms.

MONTMAGNY

Public Building.—A new sewer, 118 feet, was built for the exclusive use of the public building, on St. Paul and St. Thomas streets.

Concrete sidewalks, steps and approaches to the building on St. Jean Baptiste street renewed, and a small section of new sidewalk on same street was built.

ST. LAMBERT

Public Building.—Accommodation was provided by erection of partitions and shelving, and carrying out alterations necessary to make quarters suitable for the Chateauguay Regiment for Department of National Defence occupying the rooms on the main or first floor and basement in the post office.

TERREBONNE

New Public Building.—The public building was destroyed by fire December 2, 1922.

The reconstruction was undertaken by day labour; the demolition of the walls, carting away of the debris, excavation of the foundation to extension, boiler pit and column bases, was executed; also the delivering and unloading of material and all concrete work to the basement.

The basement walls, foundations to vestibules and entrance steps have been made in concrete; also concrete footings to the steel columns. The present stone steps to basement to be re-used in new position, with an outside grade entrance door to yard.

Walls above the plinth constructed of tapestry brickwork with ornamental arches, panels, cornices, parapet and tablet stones. The vestibule porches and main cornices, coping to parapet walls and chimney-cap, are constructed of toncan iron. The sills and arches to windows, string courses and sunk brick panels are formed of brick, with the tablets of stone, having lettering "Terrebonne" and "Post Office".

The post office entrance vestibules and public lobby are floored with terazzo, having marble border and base.

The first floor joists are supported by steel columns, steel beams and walls. From the old rear foundation walls the second story rear wall is carried on steel columns, encased in concrete, and steel beams.

The first and second floor, ceiling and roof joists are of wood. Floors are double, rough diagonal and inch hardwood. A wooden dado, 3½ feet high, is provided in the post office working space, mail lobby, lavatory and kitchen.

The building is wired for electric lighting, and a system of hot-water heating from a magazine feed boiler.

The heating, plumbing, plastering, interior finish, sheet metal and electric wiring works were awarded by tender.

The accommodation provided in this building consists of a structure 40 feet 6 inches by 41 feet 7 inches deep, having two entrance vestibules opening into the post office public lobby and working space, and one entrance serving the stairs leading to the living quarters of the caretaker on the second floor.

The subdivision of the second floor consists of a parlour, living room, two bedrooms with clothes closets and a bath room, with a separate toilet from the landing of the main stairs.

The kitchen is provided with a sink and a chimney, and has access to the flat roof covering the one-story extension to the working part of the post office.

The basement is assigned to furnace room, separate coal and ash bins.

ONTARIO

ACTON

Public Building.—Sewage system was disconnected and drainage connected to town sewer.

GALT

Public Building.—A new concrete retaining wall was erected on river bank.

HAMILTON

Station "B".—The unfinished interior of the second flat was completed. A hand-power hoist for elevator put in from basement to second floor.

LONDON

Public Building.—Extensive repairs have been made to woodwork on clock tower, all exterior woodwork painted, and repairs made to the interior.

NEWMARKET

Public Building.—The drains were disconnected from septic tank and connected with street sewer, and the outside work was painted.

OTTAWA

The customary maintenance and repair work to all Government-owned buildings was carefully executed throughout the year.

The new Government telephones are served through a system of branch exchanges adopted for Ottawa Buildings, located in: Centre Block, Connaught Building, Geodetic Building (Central Experimental Farm), Hunter Building, Victoria Museum, Printing Bureau and Woods Building.

Maximum demand meters were installed by the Ottawa Electric Company in the following buildings, viz: Centre Block, East Block, West Block, Langevin Block, City Post Office, Daly Building, Connaught Building, Fuel Testing Plant, Printing Bureau, Mines Branch, Central Heating Plant, Victoria Museum, and Archives.

Maximum demand meters were installed by Hydro-Electric Commission in the following buildings, viz: Observatory Building, Central Experimental Farm, and Harris & Campbell Building, Queen and O'Connor streets.

The greenhouses, grounds, roads and walks about the buildings were maintained and cared for in the best possible manner.

Langevin Block.—A wood floor was replaced by a terazzo floor in the ground floor corridor. On the top floor, brick partitions were erected to form offices. A new stair, with marble treads and risers and marble wainscott was built, and extensive alterations made to the west entrance.

Improvements were made to the heating apparatus; changing of pump and receiver; main lines to prestos altered, and main vestibule on Metcalfe street and Postmaster-General's office were heated by direct steam.

Garage under the Plaza.—An addition was built and the approach improved. A toilet was provided for the use of the employees, and in the portion occupied by the Public Works Department, a toilet was installed for the chauffeurs and necessary changes made to the plumbing and the electric lights.

Daly Building.—The north-west corner of Rideau and Sussex streets was altered to permit the sidewalk to pass through an arcade at this point. The windows in the basement facing Sussex street were all renewed, and those on the upper floors throughout the building altered to permit of better ventilation in the offices.

Connaught Building.—New heating connections from the Connaught building to the Mines Branch building were installed. A tunnel was built of concrete across Sussex street to house the pipes and connections made to Mines Branch building.

Printing Bureau.—A contract was awarded for the installation of thirty automatic rolling fire-doors throughout the bureau, in order to segregate the various wings and elevator shafts of the building.

A complete new lighting system was installed in the building, which has been redecorated throughout. A large section of the hardwood flooring on the second and third floors was taken up and new flooring laid.

Hawkesbury Building, Sussex street.—A garage was erected at the rear of the main building. A new smoke stack was erected at the ore dressing laboratory, a large opening in the end of the roaster building was bricked in, and the roof of the main building repaired.

Hunter Building.—The building is now heated with two of the four steam boilers that were equipped with mechanical oil burners and two 4,000-gallon oil storage tanks.

In the boiler room under the private roadway, a partition was erected to provide a separate room for the oil storage tanks. The necessary pipe fitting to connect the boilers with the tanks and the fans and motors were installed. The damaged brickwork of the boilers was repaired and the apparatus made ready for the heating season.

Fuel Testing Station, Booth street.—The work at the additional storage shed consists of a one-story frame shed 30 feet 6 inches by 40 feet 7 inches, concrete foundations walls, 2 by 4 studs, rafters 2 by 6, beams 3 by 12 supported by 3-inch iron colums, sheeted on the interior and exterior with matched sheeting, exterior also papered and clap-boarded covered with matched sheeting and two-ply ready roofing painted, and the floor is concrete.

Covered washing platform was built adjoining storage shed, concrete foundation and floor, 6 by 6 posts, 4 by 6 plates, 2 by 6 rafters covered with matched sheeting and two-ply ready roofing painted

Experimental Farm

Flax Building.—The flax building which was destroyed by fire on January 18, 1921, was replaced by the construction of a balloon-frame building measuring 79 feet 8 inches front by 29 feet 9 inches deep.

The balloon frame is diagonal sheeted, on 2 by 6 studding, covered with upright boarding and battens, the walls above the belt course are shingled.

Joists for two floors, carried on 8 by 8 wooden posts and 10 by 14 beams and hardwood bolster. A one pipe steam heating system, with steam boiler and radiators on first floor, was installed.

Shingle roof, with galvanized iron ventilator and louvre screened gables.

Wired and lighted by electricity; independent power line for motor machinery.

Executed by day work, with Public Works staff.

Basement contains furnace room, coal room or bunker below grade level, vat rooms, kalamin doors and frames to openings, and two flights of stairs from basement level to loft floor.

Poultry Division.—An extension was made to the farmer's poultry house, measuring 26 feet front by 6 feet deep, and the exterior of twelve poultry houses painted.

PEMBROKE

Public Building.—Machinery for the four-dial tower clock was provided and placed in tower.

The construction of a retaining stone wall of reinforced concrete, footing 50 feet long and 8 feet wide and 8 feet high was placed under stone wall, the stone wall straightened, stone backing removed and stone face re-backed up with reinforced concrete 12 feet high, 4-inch agricultural tile drain laid back of wall with outlet to catch basin, 6-inch drain from catch basin to outlet to river.

PETROLIA

Public Building.—Alterations were made in customs warehouse for an armoury. Electric lighting was installed, new gate placed in fence, a walk laid to entrance and steps put to platform, and a complete equipment of lockers and rifle racks was installed.

PORT ARTHUR

Public Building.—The post office building is situated on the corner of Arthur and Court streets.

The city of Port Arthur took possession of a strip of land 15·86 feet wide, having an area of ·0363 acres at the rear of the post office property for the purpose of opening Cooke street, and there has been added to the front of the property a triangular parcel of land with an area of ·0463 acres having its base of 40 feet 5 inches on Court street, and the post office building covers part of this parcel. This gives a total frontage of the post office property on Court street of 124·64 feet instead of 100 feet according to the original deed, and the city has executed a deed to the Crown, for the nominal sum of $1, of the triangular parcel of land referred to, and has asked that in exchange the Crown convey to the city the strip of land mentioned having a width of 15·86 feet.

A contract dated March 19, 1923, was let to Robt. Hamer, Port Arthur, for alterations and additions to the post office fittings.

PORT HOPE

Public Building.—Gas lighting is discontinued and electric lighting system and fittings have been installed throughout.

Repairs were made to floors, doors, windows and fences and the building was painted and decorated.

PRESCOTT

Post Office.—Built a new mailing shed and basement entrance of frame construction 18 by 10 by 8 feet high set on concrete foundation and reinforced concrete floor; the walls are built with 2 by 4 studs, outside walls clapboarded and inside V-jointed, T and G. sheathing, roof 2 by 6 rafters covered with matched sheathing and two-ply ready roofing.

Alterations were made to the building and fittings and screen for 168 additional bronze boxes and drawers.

Painting and kalsomining ground floor and vestibules, hall, excise office and bathroom of first floor, and other repairs were made.

RENFREW

Public Building.—Alterations made to screen for 140 additional steel boxes and drawers, and newspaper and parcel drop plate.

SAULT STE. MARIE

Public Building.—The two round cast-iron furnaces were replaced by two magazine self-feeding hot water furnaces and mains changed to improve circulation.

In order to protect the public against danger from ice and snow falling off the clock tower, a marquise 8 feet wide by 16 feet long was constructed of structural steel frame work and wooden covering over one of the main entrance doors.

SUDBURY

Public Building.—Alterations and additions were made to fittings to public lobby screen to provide 522 additional bronze boxes and drawers.

TORONTO

Terminal Station "A".—A plank roadway was laid down from New Union station to old station for use of mail trucks.

At basement level, a covered trucking space or shelter was formed, constructed of steel frame covered with corrugated iron.

In basement, metal partitions and roller doors were installed.

New vent stacks were put in for drinking fountain and additional heating radiators installed in basement and elevator shafts.

185 Spadina Avenue.—Offices for military headquarters have been fitted up on the fifth and 6th floors with partitions, new plumbing, alterations to heating and electric wiring and all painted and decorated.

WATERLOO

Public Building.—The rear part of building has been altered and allotted to Customs for examining warehouse. Partitions were removed, doors altered, plaster renewed, electric wiring altered and all decorated and painted.

MANITOBA

DAUPHIN

Public Building.—Lath and plaster partition was erected, forming a vestibule at side entrance.

Alterations were made to post office lobby screen to provide 319 additional steel boxes and drawers, and exterior of the building was painted.

STONEWALL

Public Building.—Alterations were made to screen to provide 140 additional steel boxes and drawers, and other repairs made.

VIRDEN

Public Building.—When this building was erected in 1914, and since, the Lister Bruston Electric Plant provided electricity. The apparatus was taken down in November, 1922, and shipped to the Experimental Farm at La Ferme, P.Q.

A new contract was made with the municipal plant, and building connected up to take electric current.

WINNIPEG

Customs Building.—Alterations and improvements were made to the front portion as preparation for offices on third story to be occupied by district engineer, and on fourth story for district resident architect, Department of Public Works.

Customs Examining Warehouse.—The high-pressure steam heating plant was remodelled and converted into a low pressure gravity return system, steam-driven boiler return pump eliminated, new reinforced concrete floor to boiler pit was installed, two brick-set return steam boilers taken down and rebuilt, etc., and minor repairs made to boilers.

Repairs were made to hot-water storage tank, water pipe, electric heater, etc.

SASKATCHEWAN

MOOSE JAW

Public Building.—New elevator shaft and new freight elevator (electric), car and machinery were installed and alterations and additions were made to post office fittings.

ALBERTA

CALGARY

Customs Examining Warehouse.—On the top floor, the southeast corner was fitted up as offices for the superintendent of postal service. The freight and passenger elevators were altered. The freight elevator doors were made self closing and the overhead gear protected by steel grills, and other repairs were made.

EDMONTON

Public Building.—A contract was awarded October 13, 1922, ($5,306) for alterations to public lobby screen and registration offices. The whole scheme involves a new layout for the post office by curtailing the public lobby on the ground floor and carrying out a large portion of the registration and sortation work on the second floor. These two floors being connected by two elevator dumb waiters. The alterations comprise a new roof to the annex and renovation.

GRANDE PRAIRIE

Post Office Building.—The alterations and additions to the post office, Dominion lands agency and telegraph office building, consist of a one-story extension and roof similar to the lines of the present building, 36½ feet on front by 46 feet deep, to provide accommodation for the post-office public lobby,

working space, postmaster's office and a mail entrance, with alterations made in the present building for the telegraph office and for the agent's and accountant's offices of the Lands office.

The walls are of frame, upon a concrete foundation with footings. The walls above the plinth are sheeted inside and out on the studding and covered with external clapboards and lath and plastered inside. The 2 by 6 roof rafters and 1½ by 6 ceiling rafters, are covered with sheathing, felt paper and shingles.

The roof space is subdivided for living quarters, lighted by dormer windows.

The building is wired for electric lighting, and a system of hot water heating.

Public Building.—A contract was awarded amounting to $11,680 to build an extensive addition to the public building replacing the existing hot-air system and the installation of a steam heating system. Beyond ordering certain of the mill-work the construction has not yet commenced as the basement excavation is not completed.

PEACE RIVER

Telegraph Building.—This building is a frame structure laid out as a telegraph office and dwelling combined. It was in very bad repair and to make same habitable the interior ground floor was refloored and the walls covered with wallboard. The basement was also fitted up for a battery room.

BRITISH COLUMBIA

VERNON

Public Buildings.—Alterations were made to provide 132 additional steel boxes and drawers to the public lobby screen and duplicate key case.

VANCOUVER

Extensive improvements and repairs were made to the different buildings.

ARCTIC REGIONS

ELLESMERE ISLAND

A contract was awarded on July 7, 1922, to Olivier Arthur Gignac, of the city of Quebec, P.Q., to construct buildings for the R.C.M. Police, Arctic Regions, consisting of four main houses, three store-houses, three blubber houses and four latrines, to be supplied in knockdown form, packed, crated, and delivered at the R.C.M.P. warehouse on wharf in the city of Quebec, P.Q.

This work was described in detail in last year's annual report, and the work was completed this year.

MILITARY HOSPITALS

Ontario

BURLINGTON

Brant Military Hospital.—New roof put over boiler room, and repairs made to gutters and down pipes, and extensive repairs were made to heating boilers, and the outside of main building and fire escapes were painted.

KINGSTON

Sydenham Hospital.—In January, 1923, the isolation building and power-house building were destroyed by fire. Temporary repairs and connections were made to the heating equipment in the power-house building to supply heat for a while, and a temporary roof covering put over the boilers and their equipment. In February all the equipment was laid up, and the buildings closed.

TORONTO

Rosedale Barracks.—The eight buildings at Rosedale Heights were taken down and material disposed of by auction.

British Columbia

ESQUIMALT

Naval Barracks.—Plans and specifications were prepared, tenders received and contract awarded by this department for the following works at the Naval Barracks, and the work was all completed and final estimate returned in June, 1923. This work consisted in altering buildings in the naval hospital to suit requirements of naval barracks and addition made to several new buildings.

Gunshed and searchlight platform.—Alterations and additions to administration building, heating of administration building and senior naval officers' residence, new water main across parade ground, and safety valves on heating apparatus.

While this work was carried out by this department, all payments were made by the Naval Department on certificate from our resident architect.

VANCOUVER

Shaughnessy Military Hospital.—A fire which started in the kitchen of the military hospital made necessary the following work:—

The floors and joists around the chimney stack, on first, second and third floors, had to be cut and retrimmed, and hollow tiles were built round the stack, from foundation to roof, the whole being replastered, and other repairs were made.

A new vertical steam-boiler, with all necessary fittings, was supplied and installed, and a ramp for the removal of ashes from the boiler room was built.

HARBOUR WORKS

By K. M. Cameron, Chief Engineer

NOVA SCOTIA

BARRINGTON PASSAGE

Work consisted in the construction of four cribs, each crib 12 feet long, 20 feet wide separated by spans, each 10 feet in length; semi-construction of three other cribs and spans of similar dimensions and laying 154 feet in length of standard stringers and ties for railroad track.

The work was commenced August 4 and completed December 19, 1922.

BASSWOOD BEACH

Work consisted in further extending the beach protection 480 feet. The work is now 2,040 feet in length, constructed of continuous cribwork; the first 1,060 feet in length is 8 feet wide on top whilst the remainder has a width of 6 feet. The height ranges from 4 to 10 feet.

This work was commenced October 2 and completed December 28.

CHAPEL COVE

The work performed consisted in the construction of part of the extension to the outer end of the isolated breakwater, which extension when completed will consist of native timber cribwork, with creosoted sheathing on the substructure, 200 feet in length by 19 feet in width. One block of the substructure is in place, and another is ready to be launched. All the material excepting the native timber sheathing and the flooring has been purchased.

The work was in progress from August until January inclusive.

CHEGGOGIN

Work was done in building an extension to the breakwater, 50 feet long, 20 feet wide and 18 feet high. Fifty feet of the old work, shorewards from the extension, was retopped with plank and stringers; again shorewards, a length of 300 feet of breastwork was rebuilt 10 feet wide and 10 feet high.

COMEAUVILLE

Work consisted in building an extension to the outer end of the breakwater, 60 feet long, 30 feet wide and 25 feet high, and in raising the outer end of the old work an average height of 2½ feet by 30 feet width, with new break 4 feet 6 inches high, also placing new covering and stringers on old breakwater 140 feet long by 30 feet wide and raising the break 2 feet for a distance of 200 feet.

DIGBY

Work consisted in building an extension to the spur pier, 100 feet long and 50 feet wide. The work is of creosoted pile construction. All caps, stringers and braces are British Columbia fir, and covered with 6-inch native spruce plank.

FRIAR'S HEAD

The work consisted in the placing of 42.3 cubic yards of concrete in connection with breakwater improvements done under contract with E. M. Dickson, which improvements, when completed, will involve 263 cubic yards in all.

The work was done during the months of October and November.

JOHNSON'S HARBOUR

The work done consisted in the construction of a freight-house 24 feet long by 14 feet wide with a 10-foot post and a gable roof.

The work was done during the months of October and November.

MARGAREE HARBOUR

The work consisted in reconstructing, with native timber cribwork, two large gaps or completely wrecked portions of the protection piers at the entrance to the harbour. The gap in the western pier was repaired by a block 114 feet long by 36½ feet in mean width, and that in the eastern pier by a block 257 feet long by 30 feet in width. The eastern pier was also widened to 30 feet from the ell at the outer end inwards for a distance of 450 feet, which distance includes the reconstructed part above mentioned.

A tool-house was built on a pile foundation at the eastern side of the public wharf, which house can also be utilized for storing freight. It is 20 feet long by 12 feet wide, and has an 8-foot post and a gable roof.

The work was done during the months of May to December, inclusive.

MELFORD

The block and span wharf was formerly 300 feet in length, with an ell 20 by 20 feet and an approach 25 to 36 feet in length. In March, 1921, an exceedingly heavy ice floe carried away the outer 100 feet of the wharf and the ell down to low water, leaving the wharf only 200 feet long.

An extension was built to replace the destroyed portion and consists of block and span 21 feet wide and 100 feet long, measured on the seaward side and 29 feet on the inner side, with the solid cribwork ell 22 feet wide, 40 feet in length on the seaward side and 29 feet on the inner side, the whole work containing 37,462 cubic feet. This work was constructed under contract.

MILL CREEK

Work consisted in building an ell to the outer end of the wharf 40 feet long, 20 feet wide and 24 feet high, also repairing the present wharf covering and stringers where necessary and removing a bank of sand and gravel to allow vessels to approach the wharf.

NECUM TEUCH

The work consisted in the construction of an addition to the wharf 40 by 40 feet; the building of a shed 25 by 30 feet with 10-foot posts, and the placing of a 2-inch driveway 15 feet wide along 150 feet in length of the wharf.

NEW GLASGOW

Last year, a contract was entered into for the reconstruction of a portion of this wharf which had become badly decayed and was bulged out of alignment. Before completion of the contract the work was shut down and the contract cancelled. During the present year, this work was completed by

day labour and consisted in the rebuilding in pilework of a portion of the wharf 105 feet in length and 20 feet in width, also placing 172 lineal feet of guard timber, thirty new fenders, two new mooring posts and some filling and grading on the old portion of the wharf.

NORTH SYDNEY BALLAST GROUNDS

Work was done in constructing a pile extension 100 feet long and 20 feet wide, reinforced by a cribwork block at the outer end 20 feet by 10 feet.

OGDEN'S POND

The work done consists of the construction of a ballast-filled protection work in the form of a wing to the existing work. This new portion is 50 feet long, 10 feet wide and 7 feet high, and was constructed to prevent the sea washing gravel into the boat channel.

PEMBROKE

The work done consisted of repairs made to the breakwater, also the removal of some gravel from the front of the wharf and the construction of a crib retaining wall along the roadway leading to the wharf. This protection is 450 feet long, 8 feet wide and has an average height of 4 feet. The crib is filled with ballast and covered with gravel.

PETITE RIVIERE

Dredging.—The work done consisted in dredging a channel by hand from the main channel to the public wharf and beyond same to the head of the cove, on a length of approximately 400 feet and having a width of 15 feet to a depth at the deepest place of 2 feet L.W.O.S.T.

PORT MAITLAND

Work consisted in building a reinforcing block on the seaward side of the west breakwater 146 feet long, 12 to 14 feet wide and 23 feet high with a 4 foot 6 inch break. A section on the main breakwater, 310 feet long and 30 feet wide was repaired with new stringers and 14,500 feet, board measure, of covering and 80 tons of ballast. On the east breakwater, a section 220 feet long and 18 feet wide, new stringers were placed and 6,600 feet board measure of covering laid.

RIVERPORT

Work done consisted in placing two barriers of brush, held in place by wire attached to piles. These barriers extend from Park's island to the mainland and are 1,600 feet long. They were constructed to hold back the mud pumped from the channel at Riverport by the dredge.

Dredging.—The work done consisted in the dredging of portion of a channel from the main channel to the wharfs at Riverport. The work was started at the main channel and was carried out by P.W.D. hydraulic dredge "No. 5." The length of channel dredged was 3,140 feet, width 200 feet to a depth of 18 feet at L.W.O.S.T. The average depth of cutting was approximately 7 feet. The total amount of material removed was 163,347 cubic yards.

SOUTH BAR (SYDNEY HARBOUR)

Work consisted in the construction of further beach protection cribwork along the southern portion 512 feet long, 6 feet wide for an average depth of 4 feet.

SYDNEY QUARANTINE STATION

Work was done by day labour in the construction of a cribwork retaining wall at the foot of the embankment along the beach to the north of the wharf 150 feet long, 8 feet wide and on an average height of 5 feet.

WINDSOR

Dredging.—The work, which has been satisfactorily completed, consisted of excavating mud along the front of the Government wharf, formerly known as the Goudge wharf, having a length along the face of the wharf of 70 feet, width 45 feet and an average depth of 4½ feet; 525 cubic yards, place measurement, of material were removed and the work was done by hand, the mud being sluiced out into the channel.

WOLF'S CHANNEL

Dredging.—Wolf's channel is located between Wolf's island and Bell's island and is a waterway traversed by the fishermen from the outer channel to what is known as Crooked channel, a distance of approximately 2,000 feet at high tide. Previous to the dredging, it was impossible to take boats of any size through this channel owing to the mud flats being laid bare at low tide. This channel shortens the route for the fishermen about 2½ miles.

The work consisted of excavating a channel approximately 1,500 feet in length, 15 feet in width to an average depth of 18 inches at L.W.O.S.T.

PRINCE EDWARD ISLAND

BEACH POINT (MURRAY HARBOUR)

Dredging.—The work performed required the removal of 6,812 cubic yards, scow measurement, of principally fine, shifting sand, and consisted of cleaning up the area in front of the wharf, which has a length of 95 feet, and extending the cut outwards through the shoal water in line with the face of the wharf a further distance of 265 feet or until meeting with deep water in the main channel. The greatest width of cut was 50 feet, carrying a depth of from 8 to 10 feet at low water spring tides, that here rise 6 feet, but permanency of this depth is doubtful owing to the large quantity of drifting sand that is constantly being carried by strong winds across the beaches into the channel.

BONSHAW

To accommodate traffic, the Department in 1912, constructed a small wharf on the eastern side of the river about 200 feet below the public road bridge, having pier head 40 by 40 feet, built of pile bents capped, floor stringered and planked over. Owing to decay and running ice this small structure of late years became almost impassable for traffic and it was decided to reconstruct, but as the channel carried a better depth of water about midway between the wharf and the bridge it was considered advisable to abandon the old site and build an entirely new wharf.

Construction work commenced October 16 and carried on until December 21 when satisfactorily completed. The new wharf consists of pier-head 35 feet square, having close-laid pole foundation with 10 inch by 12 inch timber superstructure for height of 4 feet, filled with ballast, and approach thereto 30 feet long and 18 feet wide of similar construction. Both the approach and pier-head are fender-piled at 5 feet centres and top graded up with broken stone and gravel to form roadway excepting a portion 8 feet wide across outer end of pier-head which is stringered and planked over, a suitable slipway being placed therein to facilitate loading.

CHARLOTTETOWN

Dredging.—During the period May 13 to July 10, further improvements were effected to the harbour front by departmental dredge "No. 9." Operations were commenced on the former date on the dock at the west side of Pownal wharf, extending and deepening the berth formed there previous season. The berth has a width of 110 feet abreast of the outer end of the pier, narrowing to about 100 feet, 200 feet inward of the outer end, this portion carrying average of 24 feet of water at low water spring tides. On the adjoining 200 feet inward, the width further contracts to 70 feet and the depth gradually graded up to 13 feet at low water spring tides; the next 50 feet narrowing to about 50 feet at the inner end where the depth now is 8 feet at low water. It was also found necessary to effect some slight cleaning up across the outer end of the wharf in order to run off the combing formed during operations. Work was completed July 10 with an intermission from June 19 to July 4. A total of 17,036 cubic yards of soft mud, hard sand and clay were removed.

The dredge cleaned out the dock on the west side of the Connolly Estate wharf, under lease to A. Aylward & Co., the dock having a width of 100 feet at outer end and about 55 feet, some 250 feet inward, over which a minimum of 15 feet of water has been provided at low water spring tides. The total quantity of material removed was 6,225 cubic yards of sand, clay, mud and some old timbers.

GREEK RIVER

For some years past the pier-head, which had only a width of 30 feet on the channel face, was considered much too narrow for traffic, and in order to provide the further accommodation required at the place an appropriation was granted for a small extension.

This work, which commenced August 29 and satisfactorily completed October 7, consisted of building a block 15 by 35 feet with pole foundation and 12 by 12-inch timber superstructure filled with ballast and attached to western end of pier-head; the top of the block being graded up with stone and gravel while its front and sides were fendered at 5 foot centres. The shore approach of the wharf, having a length of 143 feet and width of 20 feet, was also graded up with broken stone and a new 7 by 7-inch guard timber placed along both its sides.

LOWER MONTAGUE (GEORGETOWN HARBOUR)

Dredging.—At the request of the local Government the ferry dock at Lower Montague and portion of approach thereto was cleaned up by departmental dredge "No. 9" to an average depth of 11 feet at low water spring tides; these improvements requiring the services of above dredge from September 16 to 21, during which time 984 cubic yards of silt and soft mud were scowed away and 600 cubic yards, place measurement, overcast onto the wharf. The total length of the cut from outside of dock up to the landing slip was 200 feet with average width of 50 feet dredged to the above mentioned depth of 11 feet at low water, but owing to the very soft nature of the material surrounding the wharf considerable silting in may be expected immediately.

MOUNT STEWART

Dredging.—Hydraulic dredge "No. 12" arrived July 7, commencing operations immediately below the wharfs shortly afterwards, or on July 13, and continued working down stream, taking full width of cut to depth desired until November 16, when 2,200 feet of the channel improvements had been completed and operations then suspended, the quantity of material removed for the season being 60,301 cubic yards, place measurement.

NEW LONDON

Work consisted in building a round timber crib 200 feet long, 12 feet wide and 6 feet high at extreme inner end of the protection works that extend across the beach towards the harbour entrance, a distance of 1,035 feet. The interior of the crib is filled with brush and stone and has its sides fendered at 8 foot centres. General repairs and strengthening were also effected to the cribwork adjoining as well as to the 4-inch sheathing on sloping face of the outer block of the breakwater which has a length of 100 feet.

Work was commenced August 21 and satisfactorily completed September 28.

RUSTICO

A very severe storm and high tide occurred in December, 1920, carrying away about 100 feet of the original wall forming inside face of the breakwater near its outer end and for the reconstruction of this portion of the work an appropriation was granted in 1920, but as the season was so far advanced when the material had been delivered it was found impossible to lay the foundation and it was decided to suspend construction work until the following spring.

Operations were resumed June 15, 1922, and carried on continuously until July 13 when satisfactorily completed. The work accomplished consisted in rebuilding with 12 by 12-inch timber the southern wall of the breakwater immediately inward of the outer block, the rebuilt portion having a length of 140 feet and average height of 8 feet. Vertical posts and cross-ties were put in and secured to 10 foot centres, the latter being securely fastened to the old work, while the top of the reconstructed work which has a width of 12 feet was floor-stringered and covered with 3-inch plank. Fifteen new fender piles were put in channel face of outer block and a large number of the old piles rebolted, repairs and renewals as well being effected to the covering.

SAVAGE HARBOUR

The work, which was satisfactorily completed February 14, consisted in building two brush hurdles one hundred feet apart on western side of the channel and parallel thereto for a total of 4,610 feet for the purpose of arresting and accumulating the drifting sand, thus preventing it from reaching the channel. One or two seasons must pass, however, before it will be definitely known whether these hurdles will be effective in collecting the sand and making up the beaches as desired.

SOUTHPORT

Dredging.—The dredged cut leading from the 12 feet contour in the harbour through the flats to the wharf, which was made in 1912, having gradually shoaled up, improvements were again undertaken at the place last season by dredge "No. 9;" operations being carried on and satisfactorily completed. 27,208 cubic yards, scow measurement, of principally soft mud and sand were removed in cleaning up and widening the old cut forming approach to wharf, which now has a total length of 500 feet and average width of 100 feet to within about 180 feet of the wharf from where it gradually widens to 160 feet so as to form a berth and turning basin for large vessels.

The least depth now carried up to the wharf is 12 feet at low water spring tides, while the shipping berth which was formed on its eastern side extends 160 feet inward and has a width of 80 feet was dredged grading from 12 feet up to 7 feet at its inner end; these depths being also at low water spring tides, which are assumed to be 15½ feet below top of curb on outer western corner of the wharf to which datum all soundings taken over the work after completion have been reduced.

NEW BRUNSWICK

BLACK'S HARBOUR

On October 31, 1921, a contract was let, on a unit price basis, for the construction of a pier-head to the public wharf.

The work of construction was begun May 17, and completed October 18, 1922. The finished work consists of a cribwork block or pier-head, 50.3 feet long, 29.0 feet wide on the southern end, and 29.7 feet wide on the northern end, measured on top, outside to outside, and a connecting span, between the original trestle approach and the new pier-head, 10.4 feet long, and varying in width from 24 to 33 feet.

Repairs.—By day labour, the roadway approach to the wharf was improved by blasting ledge rock along the upper side of the road, and placing the broken stone along the lower side to level that portion; and clearing the trees and brush from the upper side. This work was in progress between July 26 and August 9, 1922.

MIDDLE ISLAND

The work done consisted of extending the wharf by means of a block 30 feet long, 8 feet wide on top, and 14 feet high, partially filled with ballast, sheathed all around with 2-inch, and covered with 3-inch plank, and strengthening the old middle block by building another small crib, 8 feet 6 inches wide, 9 feet 6 inches long and 8 feet high, filled with ballast and sheathed with 2-inch plank, on the outside and adjacent to it. Two stringers, 27 feet long, were placed between this and the outer of the three original blocks, and covered with 3-inch plank. A large mooring post, sufficiently high to be used as a lamp post, was placed at the outer corner of the large block. To complete the work there remains to be done the placing of new stringers and covering from the middle block to the shore. Work was in progress between July 14 and August 2, and from October 2 to 14, 1922.

PETIT ROCHER

The work done consisted of constructing on the ice and placing in position at the north-east corner of the breakwater, a cribwork protection block, 20 feet wide, extending along the front of the breakwater 15 feet, to a height of 20½ feet, and along the side of the breakwater, 25 feet, to a height of 18½ feet. The block was partially filled with ballast. At the end of the fiscal year, there still remained to be built a further height of approximately 13 feet, to bring the work to the finished height of 6 feet above high water. The work of procuring materials was carried on during August, September, December and January; and work on the crib was in progress between January 24 and March 31, 1923. During the period of August 7 to 10, 1922, the roadway to the breakwater was repaired by filling in holes and removing a number of large trees which lay across the roadway after a heavy storm.

RICHIBUCTO CAPE

Two breastworks, 80 feet and 220 feet long, respectively, and consisting of brush and pickets, were constructed parallel to the approach to the breakwater, to retain the sand which was drifting across the breakwater. The pickets were driven 5 feet, placed 4 feet apart, and securely braced with 1 by 4-inch boards, and brush was packed between the pickets. The roof of the shed on the breakwater was reshingled, and other minor repairs were made. Work was in progress between May 19 and 30, and from November 6 to 15, 1922.

St. John

COURTENAY BAY

Breakwater.—The twenty-five hundred foot extension of the breakwater is now completed to grade and slopes. The work has withstood all storms, and there was no movement of the slopes. A recent examination of the breakwater showed a slight settlement where it crossed the channel dredging performed by the Norton Griffiths Company under the original contract.

Submarine rock.—The work on the dry dock being so far advanced, it was considered safe to complete the removal of submarine rock at the entrance to the dry dock. This work had been carried out continuously for the last three months of the fiscal year.

Dredging.—Dredging, both in the basin and channel, was carried on continuously during the year, the 24-inch suction dredge *Tornado* and the ladder dredge *Leconfield* being in continuous operation. The basin, with the exception of the area in proximity to the dry dock cofferdam, is completely dredged to grade. The channel, from the basin to the end of the breakwater, is also completely dredged to grade. The only dredging remaining to be done is that portion from the end of the breakwater to the junction with the present harbour channel.

Recent soundings have shown that considerable filling in has taken place, both in the channel and the turning basin. On account of the great elevation of the channel, being 10 feet higher than that of the turning basin, material brought into Courtenay bay is trapped. In order that the full scouring effect of the ebb tide may be utilized, it will in future be necessary to have the channel dredged the same depth as the basin, namely, 32 feet below low water.

WEST SIDE

Dredging.—The deep water berths were dredged to a uniform depth of 32 feet below low water, and the Atlantic Sugar Refineries' berths on the east side of the harbour, to a uniform depth of 25 feet.

Converting shed fourteen into potato warehouse.—Authority was given to proceed with the work of converting No. 14 shed into a frost-proof warehouse, for the purpose of storing potatoes for shipment. Work was completed, and shed turned over for operation to the Department of Marine and Fisheries on November 25.

FORT DUFFERIN

Portions of the cribwork not included in the recent repairs were renewed. The work consisted of the removal of decayed timbers in the interior of the work, as well as face timbers, and replacing the stone filling.

The rebuilt sections of the breastwork are in first-class condition, but the portions which have been repaired from time to time are in such condition that future repairs will be of little use, the old work will have to be rebuilt from the foundation up.

PARTRIDGE ISLAND

On account of the completion of the quarantine station power house at Partridge Island wharf, and the elevation of the floor of the same being considerably above the existing wharf, the top of the wharf had to be built up to suit the new work. To carry out this work efficiently, necessitated the renewal of portions of the existing cribwork.

GENERAL HARBOUR MAINTENANCE

The usual repairs to the various sheds and wharfs were carried out. The substructure for grain conveyers to sheds 5 an 6 was thoroughly repaired; portions of floors were renewed in shed 15 and 16; shed 14 was repainted; platforms, where required, were renewed, and additional floating fenders of cedar and spruce saplings bound together were constructed on the same design and dimensions as the fender tested out in the previous year.

QUEBEC

ANSE AUX GASCONS

Work done consisted in the completion of the breakwater-wharf commenced in 1921, under contract signed September 20, 1920, amounting to $44,580. The completed work is 400 feet long, 30 feet wide at the outer end and has a depth of 14½ feet at low water. The approach is tied in to the old wharf.

BARACHOIS DE MALBAIE

The work done consisted in building a breast work between the A. Q. & W. Railway right of way and the shore end of the breakwater, 80 feet in length, 10 in width and 5 feet in average height; in ballasting the breastwork with 100 yards of stone; in placing 10 cubic yards of concrete to reinforce the south side of the breakwater on a distance of 75 by a width of 10 feet, and in making other general repairs to the breakwater.

BERTHIERVILLE

A contract was awarded November 4, 1922, to construct two inclined roadways with concrete retaining wall on both sides; raising concrete retaining wall of headblock two feet; levelling up surface of wharf, and laying a six inch concrete flooring on whole surface.

The work was started in the middle of November, 1922; the two inner concrete retaining wails were built and the necessary excavation and filling was made to bring the two inclined roadways to the requested slope of 1 in 9. The completion of the contract was postponed until spring of 1923.

BIC

There are two wharfs at Bic, the old wharf located on the south side of the inner harbour at the mouth of the river Bic, and the Pointe a Cote wharf located at the end of the point bearing the same name.

The inside wharf was rebuilt and thoroughly repaired. The slip on the westerly face of the wharf was rebuilt; five blocks, spans between, superstructure included, were entirely rebuilt, and repairs were made and timbers renewed where urgently required over the whole structure.

BONAVENTURE RIVER

Bonaventure river is situated on the north shore of the baie des Chaleurs, county of Bonaventure, 10 miles west from New Carlisle.

Work consisted in driving piles averaging 13 feet in length, 8 feet into the ground, spaced 6 feet for a distance of 1490 feet along the King's highway, and in purchasing 22,000 feet of plank for horizontal sheathing in the construction of a protection work; this is the Federal Government share of the work done under agreement to be built jointly by the Provincial Government, the municipal authorities and the Federal Government. Expenditure by this department was $1,124.57.

COTE STE. CATHERINE

In 1917 a basin was dredged downstream from the wharf. Following this dredging the shore was eroded almost every spring opposite the basin. Last spring, more erosion taking place, there was a considerable land slide, damaging the public road and necessitating immediate protection works.

The stone protection built last summer consisted in a stone wall, 4 feet thick at the base and 2 feet at top, 7 feet high and 116 feet long built at the bottom of the slope and all along the basin, and a stone rip-rap, 18 inches thick laid on the slope from the top of the wall up to the elevation of the road.

DESCHAILLONS

Works consisted in the demolishing of the old cribwork roadway trestle which had become very dangerous for traffic, and in the construction of a new earth roadway approach from the public road to the wharf, on a total length of 821 feet, with a width of 25 feet. The new roadway approach has been protected by stone rip-rap, fenced and gravelled. Tile underdrains and concrete drains have been constructed alongside the roadway.

Repairs.—The sheathing of the wharf has been repaired with 4-inch cedar deals on a total length of 419 feet, and the ice-breaker completely renewed with 6-inch cedar timber, on a total length of 279 feet. Mooring posts have been reset, and the waiting room thoroughly repaired.

GASPE

A contract was entered into in October, 1921, for the reconstruction of the portion of the superstructure of the Sandy Beach wharf destroyed by fire in 1919.

This year, the work consisted in the removal of the debris on a length of 374 feet by the full width of the wharf and on a height varying from 6 to 8 feet, and rebuilding the whole. In addition to the contract, some additional work was done to complete the reconstruction, and place the work in good condition.

Repairs were made consisting of the placing of 1,000 yards of stone rip-rap along the north side of the approach, and 3,380 yards on the south side; rebuilding 3,000 square feet of shed roof; placing 100 feet of stringers under railroad tracks and approach, and 100 lineal feet of walings on the outside of trestle.

GRANDE RIVIERE

Dredging.—To provide a foundation for the caissons of the extension to be built to the wharf next fiscal year, work of dredging was undertaken by dredge P.W.D. "No. 4" between August 21 and 28 when 65 concrete slabs were lifted and deposited on the wharf; 365 cubic yards of stone ballast and other materials, including sheet piling, etc., were removed and so placed as not to interfere with the sinking of the caissons.

Wharf.—Plans and specifications were prepared, tenders called and a contract awarded for the construction of an extension to the wharf to be built in the next fiscal year.

Materials, principally stone, were purchased to the value of $2,813.45, which will be taken over by the contractor when work is started.

GRINDSTONE

The work done consisted in the building of a breastwork 153 feet long, 18 high and 30 wide, at bottom, starting 32 feet from the freight-shed on the

wharf and extending shorewards. The space between the wharf and the new breastwork has been filled in with stone, gravel and earth; 4,000 cubic yards of materials have been placed in the area.

MAGDALEN ISLANDS

Construction of a Dredge.—In order to improve navigation, and owing to the heavy cost and difficulty of towing a dredge and plant from ports on the mainland to the islands, when dredging is required, it has been decided to build a dredge that would be permanently quartered in the islands, and do the work especially in connection with navigation established between the islands in the lagoons or water areas bounded by sand dunes.

A scow 55 feet long, 25 wide and 4½ high with a second story to house machinery and crew was constructed; the lower part of the building is 36 by 17 feet and the upper part 17 by 17 feet, the whole built in 3-inch deals on a framework consisting of eight wooden girders with cross columns reinforced with cross beams and braces. To protect the wooden hull from marine pests, the timbers were painted with carbolineum avenarius, covered with tar paper and sheeted with 1½-inch plank.

The machinery comprises two steam engines with boilers and accessories, a capstan, a water tank 7 by 5 by 5½ feet; a clam shell bucket and a derrick in the front part, and at the rear of the building a sand pump and another derrick. Accommodation has been provided for a steam hammer, pile driver and portable sawmill to be installed when desired.

The dredge was built at Amherst and brought to Alright Island, where it is quartered for the winter; a few minor details and it will be ready for work during the coming season. A scow to be used with the dredge was built at Pointe Shea and towed to Alright Island.

MATANE

The wharf, the eastern and the western breakwaters were generally repaired at a cost of $16,117.70, in order to be in condition to be used in the new scheme of works to be undertaken for the improvement of this harbour as a national port.

MILLE VACHES

The wharf built in 1905, has a total length of 545 feet consisting of a crib and span approach 475 feet long by 20 wide, and a headblock 40 feet long by 80 wide.

Work of repair and construction was commenced August 30, and was completed October 30, 1922, and consisted in renewing 11,670 square feet of flooring, stringers included, in repairing the cribwork of the headblock, and building an extension to the headblock 40 by 20 by 14 feet, and in renewing 1,000 feet of coping.

NOTRE DAME DES SEPT DOULEURS

The work done consisted in the building of an extension 80 feet long, 20 to 30 wide and on a mean height of 15 feet, at a cost by contract of $5,789.54. Four large boulders were removed from in front of the extension, and the road approach from the public highway to the easterly wharf was rebuilt.

PHILIPSBURG

The headblock was rebuilt from low water level on a new length of 88 feet 10 inches and a width of 18 feet 9 inches. The old cribwork was removed and a reinforced concrete wall, 7 feet high, 2½ feet thick at the base and one foot

thick at top, was built on the south and east faces of the new headblock: the north and west faces were rebuilt on a slope of 1 in 1, and one foot of concrete was laid on the stone previously hand-placed at the necessary slope. A concrete flooring was also laid on the whole surface of the new headblock.

POINTE A ELIE

The work done consisted in extending the wharf by the building of a caisson 31 feet in length by 52 in width and 33.5 feet in height, with a batter of 1 in 8 on three faces; in rebuilding 50 feet in length on a mean height of 5 to 7 feet at the outer end of the wharf to link up with the superstructure of the new crib; in placing heavy rip-rap protection on the south-east face starting from the new crib rearwards on a length of 350 feet by a height of 7½ feet, with a batter of 2½ in 1, and in making other repairs to the approach and the flooring.

POINTE A LA LOUPE (ST. ELOI)

Dredging.—The work done consisted in dredging a channel and basin on the easterly side of the wharf on a length of 1,100 feet by 25 and 30 in width. The basin is 170 feet in length by 30 in width where 3 feet in depth were removed. In the channel, the first 80 feet were dredged 3 feet in depth, 200 feet 2.5 feet, 400 feet 2 feet, and the remaining 250 feet 1.5 feet in depth.

POINTE-AUX-TREMBLES

On October 3, 1922, a contract was awarded to make repairs to the wharf approach on a total length of 536 feet 6 inches. About ⅓ of the contract work has been executed, which has consisted in the demolishing of the cribwork, 12½ feet high by 4½ feet wide on each side of the approach and the construction of new concrete walls, 12½ to 13½ feet high 4½ feet wide at the base, and 18 inches at the top. The space left between the walls has been filled up with ballast stone.

POINTE BOURQUE

Pointe Bourque is a fishing settlement situate some 2½ miles below Carleton, on the north shore of baie des Chaleurs in the county of Bonaventure.

The work done consisted in the building of a small breakwater in cribwork, 35 feet in length, 11 in width and 9 feet in height, ballasted with stone, and in making an approach through the cliff 40 feet in length by a width of 10 feet.

POINTE CAVAGNOL

The upstream crib of the headblock was rebuilt in concrete from extreme low water level. A reinforced concrete wall, 10 feet high, 4 feet thick at the base and 18 inches thick at the level of the flooring was built all around and a 6-inch concrete flooring was laid on the whole surface.

The downstream crib was rebuilt in cribwork from low water level, and the span connecting the two cribs was also built anew.

POLTIMORE

From September 27 to November 3, a new wharf was built, on Lievre river, at Poltimore.

The structure extends out 48 feet, drawing 9 feet at landing face, and consists of a sheeted round timber cribwork landing-head block 40 by 32 feet, built to elevation + 8 feet, with two slips, 8 by 10 feet wide, built to elevation 5·0 feet and 2·5 feet; a wooden approach 16 by 40 feet, formed by a shore crib 8 by 40 feet and a platform 8 by 40 feet spanning landing-head and shore cribs; a stone and earth approach 25 by 70 feet long, and a freight shed 12 by 20 feet.

REPENTIGNY

A new freight-shed 15 by 20 feet with a corrugated iron roof was built. A special slip on a slope of 1 in 6 was built along the west side of the crib approach in earth and stone to give a better landing to the flat bottom scows coming from the surrounding islands. Some urgent repairs were also made to the plank flooring of the headblock.

RIMOUSKI

Dredging.—Work at Rimouski consists in the dredging of a basin 1,000 feet in length by 200 to 440 feet in width and to a depth of 22 feet at low water, and in the dredging of an entrance channel 200 feet in width to 15 feet at low water, extending from the 15 foot contour line into the wharf, as described in the annual report for 1922.

This year, the work consisted in completing the south-easterly cut beginning north-easterly in narrower part of channel; two transverse cuts in channel north of basin; commencing a cut next westerly edge of basin, and south of basin and shore end of addition lately built to the wharf.

Dredge P.W.D. "No. 110" worked in removing 714 cubic yards of cribwork, debris and ballast from the destroyed portion of the wharf, easterly face, and 69·286 yards of other material was removed from the channel and basin.

Quantity of material yet to be removed is 16·000 cubic yards from the basin and 29·000 yards from the channel, situ measurements; expansion factor about 35 per cent.

ST. ANTOINE SUR RICHELIEU

An extension to the stone approach, 85 feet long and about 35 feet wide, was built, to give better accommodation to the heavy traffic.

ST. CHARLES DE CAPLAN (ROBICHAUD'S)

The pier built in front of the Robichaud property is located two miles east of the village of St. Charles de Caplan.

The work consisted in the building of a round timber extension 40 by 12 by 10 feet, to the breakwater. The descent to the beach was improved, and several yards of rock were removed from the approach.

ST. ETIENNE DE MALBAIE

St. Etienne de Malbaie is on the north shore of the St. Lawrence, about 87 miles below Quebec.

On October 28, 1922, a contract was entered into for an approximate amount of $10,889.45, to build a wharf of the crib and span type in the Bay of La Malbaie, at the foot of Nairn street, to be 24 feet wide for the outer 36 feet, and 16 feet wide for the remaining 170 feet. In addition to the outer block, there are six cribs, each 25 feet long, and six spans of 20 feet; the outer four cribs to rest on a pile foundation.

The pile foundation was placed, consisting of 6·480 lineal feet of piles driven. The wharf will be completed during the coming fiscal year.

ST. MICHEL

The wharf has a total length of 1,100 feet by widths varying from 51·8 to 30.6 feet, standing 28 feet at its outer end in 6 feet of water at low water level, spring tides.

Tenders were called for the demolition of the headblock and its reconstruction, together with a portion of the approach. Work was commenced May

S, and was completed at the end of November, 1922, and consisted in filling with ballast stone 236 cubic yards of the old crib, in constructing 3,624.4 cubic yards of new crib, in covering this crib with 772.5 square yards of wooden flooring, supplying and securing in place 572 lineal feet of 12 by 12 coping, 16 fenders 12 by 12, 23 fenders 10 by 12, 10 mooring posts and two steel ladders.

On September 2, 1922, a contract was entered into for the completion of the construction, and to build a freight-shed and waiting room 50 by 30 feet. 1,100 cubic yards of crib were built under this contract.

ST. ROCH

The wharf was completely rebuilt, new piles were driven, and a new superstructure was put in place. This new wharf has a frontage of 30 feet 6 inches and a depth of 27 feet.

ST. SIMEON (HENRY'S BEACH)

The work done at Henry's Beach, a few hundred feet west of the church at St. Simeon, consisted in the building of an extension in round timber cribwork, 30 feet in length by 15 feet in width and 12 feet in height, to the 80-foot breakwater, so as to improve the protection to fishermen.

ST. SULPICE

A moveable freight-shed 15 feet by 20 feet, with corrugated iron roof, was built and placed on the wharf.

ST. ZOTIQUE

In 1884 three ice-breakers were built to protect the one thousand feet approach of the wharf.

In 1894 they were completely rebuilt, and this year, $4,565.78 was spent in their reconstruction.

The new ice-breakers are 15 by 15 feet at the base, 8 by 15 feet at the top and 9 to 12 feet high.

The substructure is in stone-filled cribwork and the superstructure is in concrete.

Two of these ice-breakers were completely built as described. and the substructure in cribwork of the third one was built.

VAUDREUIL

The headblock was rebuilt in concrete from extreme low water level. A reinforced concrete wall, 10 feet high, 4 feet thick at base, 18 inches thick at the level of the flooring was built all around, and a concrete flooring 6 inches thick was laid on the whole surface. Urgent repairs were also made to the approach and 7 stringers were renewed with the flooring in front of the shed.

ONTARIO

AULTSVILLE

A contract was entered into for the construction of a public wharf on the St. Lawrence river, at Aultsville. Work of demolishing the old structure was started November 6, but the Contractors had to discontinue November 16, on account of lack of materials on hand. Work was resumed February 15, and carried on intermittently to March 31. The structure is to be completed April 24, 1923.

When completed the structure will consist of an open-face cribwork, extending out 60 feet at elevation 209.5, providing for a least depth of 14 feet at landing-face and a depth of 9·5 feet to the ferry slip in the rear of landing head stem. The wharf to consist of landing-head 52 feet long, 10 to 24 feet wide, supported on the existing substructure, 10 by 30 feet and a new crib of "L" shape. A freight-shed 16 by 24 feet is located alongside the approach, 18 feet wide.

BLANCHE RIVER

From August 30 to October 19, improvements to the bed of Blanche river (South branch) were carried out. The work consisted of removing 3,890 deadheads, 106 stumps or snags and cutting 107 overhanging trees. The river was improved on a distance of 3½ miles, in the township of Gross, from a point about 9 miles northwest of Kushog lake, where earlier improvements had been left off.

COBOURG

The structures at Cobourg, with the exception of the south breakwater, were built originally of timber, between 1866-75, and the south breakwater was constructed, with the exception of 166 feet of solid cribwork, with concrete superstructure in 1910.

During the last few years, the superstructures of portions of the east pier, all of the checkwater pier, and all of the centre pier, have been reconstructed in concrete.

Operations were resumed in connection with the reconstruction, in concrete, of 166 lineal feet of the south breakwater May 1, and the contract was completed and final estimate was given August 11.

COLLINGWOOD

A contract was awarded, at unit prices, November 16, 1921, for the reconstruction, in concrete, of the superstructure of the east breakwater for a length of 500 feet and a width of 24 feet. This contract work commences at a point 750 feet measured south-easterly from the outer end of the east breakwater, and extends for a length of 500 feet.

Work commenced at a point 10 inches below zero of gauge, and the new work was carried to a maximum height of 9.0 feet above zero.

Operations were commenced May 6. and the work was completed and final estimate was given August 8.

FORT WILLIAM

Rubble mound extension to the Mission River breakwater.—April and May, drilling and blasting were continued. May and June, wharfs, etc., were constructed at the quarry, tracks laid, etc., and plant installed.

July 4, the first scowload of stone was placed and this work continued more or less without interruption until October 23, when operations were discontinued for the season.

By this time, the core of quarry run was practically completed, and about 20 per cent of the covering stone placed.

The date of completion originally September 8, 1922, was extended until July 30, 1923. The work should be completed by this time.

GODERICH

Work was commenced June 8, and completed March 20, the following was done:—

The construction of a concrete wall 6 feet high along the east end and portion of the north side of the inner harbour. Total length of wall constructed this year 412 feet.

Reconstruction in concrete of a 20-foot section of the tunnel between the river and the inner harbour.

Construction of a concrete retaining wall 40 feet long and 20 feet high, from rock foundation, at the east or inner end of the river breakwater.

An embankment consisting largely of sand and gravel with a small amount of clay was constructed with the use of a slush-scraper. Length 786 feet, width on top 10 feet, having side slopes of approximately $1\frac{1}{2}$ to 1 and extending from a height of 2 feet at the north pier to 12 feet at the river breakwater.

Repairs.—General repairs to face timbers in river breakwater.

Renewal and repairs to face timbers, stringers and decking on the north and south entrance piers.

Straightening up ten concrete mooring posts along the south pier.

HAILEYBURY

October 4, fire destroyed 90 per cent of the buildings in Haileybury as well as the three public wharfs.

From January 2 to March 31, work was carried out on the main wharf and consisted of demolishing the burnt portion of the wharf along the approach and landing-head; cutting off piles at elevation 583 for the erection of framed bents thereon; the cribwork on the landing-head was levelled and the foundation for the proposed new structure put in place. A section, 40 by 80 feet long, of the approach was rebuilt, out from the concrete and stone approach, and another section, 16 feet wide by 120 feet long, was built to the landing-head, to provide wharfage for navigation during the coming season.

KINCARDINE

A contract dated November 13, 1922, amounting to $21,676.48, unit prices, was let for the renewal in concrete of a portion of the south pier near the inner harbour.

Work was performed between December 14 and March 31, and consisted in the removal of all the old timber superstructure that interfered with the construction of the new work, together with the performance of part of the excavation in rear of the present structure requiring attention. In addition, practically all the timber necessary for the carrying out of this contract was delivered before March 31.

KINGSTON

A stone rip-rap protection wall, 150 feet long, was built to elevation 250, to protect the exposed shore and stop erosion along the driveway of the R. M. C. grounds, south of the La Salle causeway. Some 450 cubic yards of heavy stone were placed at the rate of $2.95 per cubic yard.

The floating platform of the boathouse was rebuilt, one door was replaced, and braces added on the pile foundation on the northeast corner. The bathing houses and boat houses were painted, and the broken capping and facing of the concrete wharf was repaired.

LITTLE CURRENT

Dredging.—Gibbon's Point, opposite which the present contract work is being performed, is about one mile east of the town of Little Current and opposite the entrance to the narrow strait, known as the Little Current channel.

All vessels which trade between Georgian bay ports and the North channel of lake Huron, also large bulk cargo freighters carrying coal from lower lake

ports to the Algoma Eastern Railway terminal on Goat Island, opposite the town of Little Current, pass through the entrance, and during the season of 1922, these latter boats delivered over 200,000 tons of coal.

The work is entirely of a public nature and its object is to provide a straight and safe channel, having a depth of 22 feet below low water level, viz. Elevation 580.0 feet above mean sea-level The project consists of dredging an area about 500 feet long by 300 feet wide, but owing to the necessity of minimizing all Government expenditures for public works, only one half of the project has been put under contract. When completed it will provide a straight through channel 150 feet wide by 22 feet deep and will be a tremendous improvement over present conditions.

The contract provides for the removal of 7,000 cubic yards, place measurement, of limestone rock, and 1,000 cubic yards, place measurement, of silt and boulders.

A contract dated September 8, 1922, was entered into to perform the dredging at the unit price of $4.95 per cubic yard, place measurement, for rock (class "A"), and $2 per cubic yard, place measurement, for silt, boulders, etc. (class "B").

One hundred and ten cubic yards, place measurement, of class "A" material was removed.

L'ORIGNAL

October 14, a contract was entered into for repairs and improvements which consisted of repairing the sidewalk and handrailing on stone approach; demolishing the superstructure of pilework approach and cutting off piles; erecting framed bents on top of old piles; renewing the flooring system and hand-railing on the pilework approach; erecting a two-storey freight shed 48 feet long by 15 feet wide, supported by pilework substructure; repairing and completing the cribwork landing-head; and removing the ballast-stone fallen from the old cribwork and laying along the front of the work.

Work started November 30 and was completed by March 31.

MILLHAVEN

A contract was entered into for the construction of a public wharf on lake Ontario, at Millhaven,

The structure when completed will extend out 96 feet at elevation 250 (lake datum elevation 245), drawing 9 feet at landing-head, 24 feet by 48 feet, and the approach 12 feet wide, 72 feet long, built of open face round timber cribwork with spanning platform. A freight shed 12 by 16 feet and 10-foot walls is also provided.

The structure is to be completed for the opening of navigation.

MITCHELL'S BAY

Operations were commenced August 23 and closed down October 25. The following work was performed:—

Construction of sheetpile wall 150 feet in length with a total length of 40 feet of wing walls built on the northwest side of the inner end of dredge cut. Wall 3 feet above water level consisting of 3-inch double sheeting 14 feet long with top and bottom waling 6 by 10, and bearing piles 5-foot centres and the whole tied to anchor piles 10-foot centres with $1\frac{1}{8}$-inch iron tie rods.

The work still required to complete the revetment wall consists in the placing of back filling and levelling off same in rear of the wall. This work, owing to unfavourable weather conditions since October last, has not been done.

NORTH BAY

Work on the wharf was continued April 1 and completed June 6.

The structure consists of an open-face cribwork landing-head, "L" shaped, 100 and 253 feet long by 24 feet wide, of an open-face cribwork approach 154 feet long by 16 feet wide, of a pilework approach 590 feet long by 16 feet wide, of a stone approach 192 feet long by 16 feet wide and of a freight shed 24 feet long by 16 feet wide. The wharf is built to elevation 646 and draws 13 feet of water at R.W.S. of lake Nipissing, elevation 643.

A lighting system was installed on the wharf by the Hydro-Electric Power Commission, the system consisting of twenty 6 by 6-inch posts 14 feet long, six steel radial wane reflectors with 100-watts multiple tungsten lamps, and of a marine light, a 200-watt Nitro-lamp with a motor-driven flasher.

OWEN SOUND

Authority was given to expend the sum of $34,000 for the reconstruction of the wharf which work is under contract with Mr. Ed. Conroy.

Authority was given July 20 to expend the sum of $250 as an extra in connection with the contract for widening the slips.

Operations were resumed April 7, and the work was completed and final estimate was given August 30.

PARRY SOUND

A contract was awarded under date of November 30, for the reconstruction in concrete, of the superstructure of the wharf covering a length of 400 feet and varying in width from 16 feet to 30 feet. The amount of the contract is approximately $28,866.

The existing pilework of this wharf was cut down to a point 2 feet below elevation 580·0, and new cap timbers, bracing, waling and stringers were placed in position, upon which was constructed a block and mass concrete superstructure.

Operations were commenced Januaary 2, 1922, and resumed April 1, and the contract was completed and final estimate was given July 5, 1922.

Town Dock.—The work of reconstructing the outer end of the town dock (in timber) was commenced October 30, was completed January 4, and consisted in the following repairs being made:—

The superstructure was removed for a length of 505 lineal feet by a width of 28 feet, extending shoreward from the outer end of wharf, and new decking, deck capping, waling and stringers were placed in position, and as well, existing stringers were reinforced where required.

PORT ARTHUR

Extension to the rubble mound breakwater at Bare Point.—In April, work was resumed and carried on until the contract was completed October 23.

All together 379,781 tons of rock of all sizes were placed in the 1,850 feet actually constructed, or approximately 95,000 tons less than was estimated for the 1,600 feet originally put under contract.

The work as completed makes a very efficient and economical breakwater and should require very slight expenditure for up-keep and maintenance.

PORT BRUCE

Work was performed between October 1 and February 28, and consisted of the following:—

Building a concrete retaining wall to close the gap between the inner end of the east pier and the shore. The length of the wall finished was 92 feet and

the timber grillage for the remaining 8 feet was laid. A cut off wall having a length of 12 feet was built between this wall and the bank. The foundation for the ripple wall extending from the end of the east pier upstream for a distance of 75 feet was laid and a concrete wall built upon this for a length of about 64 feet.

PORT BURWELL

A contract dated August 17 was let at an estimated cost of $38,061 for repairs to the breakwater.

Work was commenced August 15 and was discontinued on account of bad weather November 22, up to which date the following work had been completed, viz:—

Rebuilding of concrete superstructure in super cement concrete for 15 feet back from the lake on a distance of 102 feet from the inner end of the breakwater.

Rebuilding of complete concrete superstructure in Portland cement concrete for a length of 110 feet starting 170 feet in from the outer end of the breakwater. Necessary repairs to timber and stone filling of crib substructure were made at this point.

Placing 2,500 tons of rubble stone, weighing from 3 to 10 tons along the lake face of the breakwater.

Patching cracks and holes in other parts of breakwater.

PORT COLBORNE

Work under contract was begun August 19 and was suspended for the season, due to bad weather, October 21. During this time the following was done:—

East Breakwater.—Reconstruction of entire superstructure in mass concrete for a length of 175 feet. Reconstruction of the superstructure with the exception of the back apron, in mass concrete for a length of 100 feet. Reconstruction of two portions of the lake face, one 32 feet long for its full width, and one 25 feet long for the front half of its width. Two large cavities in the concrete superstructure near the headblock were filled with concrete.

West Breakwater.—The removal of the outer face of the old breakwater for a length of 230 feet, concrete footing blocks were placed in this gap and a concrete bulkhead was built across the back of the gap to keep it from spreading during the winter. A concrete bulkhead was also placed across the back of another 70-foot gap. These two gaps will be completed in the new section for the west breakwater next spring.

On October 9 contract was entered into with the Port Arthur Construction Company for the sum of $65,606.45 to complete the work of repairing these breakwaters.

Owing to the season being so far advanced, the only work done on this contract was the patching of holes in the rear apron of the west breakwater.

SAULT STE. MARIE

Dredging.—The area of the project in hand lies between the international boundary line and a line drawn north-westerly from the west end of the Bayfield shoal rock pile to a point 300 feet out, southerly from the Government wharf, thence northwesterly, parallel to and 300 feet out southerly from a line joining the outer ends of the Government wharf and the Ferry wharf to the point where it is intersected by the line of the North pier of the United States canal, produced easterly, thence westerly, following the last mentioned line. It has a length of about a mile, and width opposite the Government wharf of 450 feet.

A contract dated September 7, 1922, was entered into for the performance of this work.

Dredge "No. 3" removed 13,755 cubic yards, scow measurement of boulders, gravel, loose rock and ledge rock, of which 5,000 cubic yards were estimated to be ledge rock. Derrick Scow "No. 24" removed 1,980 cubic yards of boulders, loose rock, and a few yards of ledge rock. The total quantity excavated was 15,735 cubic yards, scow measurement.

SHEGUINDAH

A contract was entered into December 21, 1921, for the reconstruction of the wharf.

Work was commenced May 29, and completed December 5.

The work was necessary because of the extreme decay of the whole wooden superstructure. The work put under contract and performed consisted of cutting down and removing the old wooden superstructure; rebuilding the southerly face, where vessels land, with new square timbers above the water level; rebuilding the outer end with a timber parapet; constructing a small boat landing 51 feet long along the south-westerly face; rebuilding the remainder of the wharf with stonefill topped with gravel; and repairing and repainting the warehouse.

SILVER CENTRE

The pilework wharf built on lake Timiskaming, at Silver Centre, in 1908-10, having been demolished by ice shoves last spring, was reconstructed during the past season.

The wharf as built (August 3-October 31) consists of a cribwork landing-head 16 by 44 feet built to elevation 566.6, formed by two cribs 16 feet square, with built-in slip between cribs 12 by 36 feet from elevation 585, to elevation 592.0, extending out 111 feet and drawing 9 feet at landing face, (lake elevation 581-0), with freight shed 16 by 24 feet resting partly on stone approach and on cribwork foundation, and a stone and earth approach 18 by 75 feet built to elevation 592.

TORONTO

Operations in connection with the construction of Toronto Island breakwater, which were being carried on by the Randolph MacDonald Company were resumed May 17, and contract was completed and final estimate was given November 20.

Western Section.—The contractors completed the unfinished portion of the substructure and placed the concrete superstructure on the following sections:—D, E, F, G, H, I, J, K, L, M and Z3, 5,560 lineal feet in all.

In addition, 2,240 lineal feet of cribwork have been sunk in position on sections N, O, P, and Q, the substructure completed and blocks placed on sections N and O.

This work required the manufacture of some 1,024 concrete blocks at the yard in addition to those on hand from the previous year.

The season's operations were commenced April 3 and suspended December 22, 1922.

It is proposed to place the concrete superstructure on sections N, O, P and Q, during the coming season. This will complete the work under the present contract with the exception of 4,440 lineal feet of breakwater included under section 4 of the contract for which further authorization is necessary.

Dredging.—Dredging for crib seats included sections O, P, Q, 1,680 lineal feet, necessitating the removal of 21,235 cubic yards, consisting of loose rock, shale and sand.

WHITBY

A contract was awarded November 4, 1921, for the construction of two sections of concrete superstructure of west entrance pier as follows:—

(1) South end of entrance pier 100 feet in length by 30 feet in width and 6 feet in depth.

(2) North end of west entrance pier 30 feet in length by 30 feet in width and 6 feet in depth.

Operations were resumed April 7, and this contract was completed and final estimate was given August 26. The work accomplished this year was the carrying out of all the work involved in the contract, as prior to April 1, the Contractor had only brought materials on the site of operations.

The construction of these two sections of concrete vastly improve the conditions existing and solidly protect the ends of this pier from further damage, and as well, secure the lighthouse from any liability of being undermined.

MANITOBA

DELTA

Protection work was constructed to stop the bank erosion on the east side of the channel dredged by this department some years ago from lake Manitoba into a large slough at Delta.

It consisted, for a distance of 145 feet, of a row of round piles driven at five feet centres, two round timber walings on which the sheet piling was properly secured.

Work was done by day labour in December, 1922.

BRITISH COLUMBIA

BAMBERTON (NANAIMO)

Dredging.—The Bamberton works of the British Columbia Cement Company, Ltd., are situated on the west side of Saanich inlet, 18 miles from Victoria.

With the object of providing adequate depth of water for vessels loading cement at the Company's wharf an area 200 feet long with average width of 15 feet was dredged to 20 feet below low water level. The nature of the material removed consisted of silt and gravel. The quantity of material removed was as follows;—place measurement, 622 cubic yards; scow measurement 775 cubic yards.

The work was carried out by departmental dredge *Ajax* in the interval March 8 to 15, 1922.

CARR'S LANDING

There is no organized settlement at Carr's Landing, which is situated on the Okanagan lake, $5\frac{1}{2}$ miles distant from Okanagan Centre.

The construction of a new wharf carried out by day labour, was started November 1, 1922, and completed January 6, 1923, at a cost of $3,246.67.

The new wharf is a pile-bent structure 120 feet long, by 32 feet wide. The deck is level throughout, and is 5 feet above average low water. A shelter shed 12 feet by 20 feet is provided at the approach end. The old wharf at Carr's Landing, which adjoined the new structure, was demolished.

DAVIS BAY

This work consisted in the construction of a creosoted pile-bent and timber-deck wharf.

Dimensions of structure: approach, 12 by 144 feet; pier, 40 by 60 feet; shed, 16 by 20 feet; landing steps, 4 by 32 feet.

Contract was entered into to do this work in the sum of $5,245, dated November 9, 1922. Extra item incurred in extending the approach amounted to $36.90, making a total final estimate of $5,281.90

Work was started by the contractor on November 28, and finished December 14, 1922.

EAGLE BAY—WANLOCK . .

The settlements of Eagle Bay and Wanlock, which are served by the new wharf, are situated on the main Shuswap lake, and are distant approximately 6 miles apart.

The work, which was carried out by day labour, was started November 23, 1922, and completed January 26, 1923, with a break from December 22 to 28.

The new wharf is a pile bent structure, 140 feet long by 32 feet wide. Shelter shed, 12 by 20 feet. The inner 28 feet forms a level platform, at an elevation 2 feet above average high water, the remaining 112 feet of structure runs on a grade of 1 in 10·2 from platform elevation to point 2 feet above average low water, so as to enable landings to be made at all stages of water.

GALENA BAY

Galena Bay is situated on the east shore of Upper Arrow lake, approximately 5 miles southeast of railhead at Arrowhead.

The new float is 60 feet long and 40 feet wide, and is held in position by mooring cables secured to the shore. An adjustable approach apron is provided to facilitate landings during the various stages of water.

Work by day labour was started September 23, and completed October 19, 1922.

GOWLAND HARBOUR

A cedar log float 20 by 36 feet was built by day labour at this point, replacing the old float built in 1912-13. The new float has 4 by 12 inch cross-ties, 2 by 12 inch planking, and 3 by 4 inch guard-rail.

New float log approach was also built between float and shore, dimensions 6 by 440 feet; 4 by 12 inch cross-ties, 2 by 12 inch planking, and 3 by 4 inch guard rail were used on approach.

The work was done by day labour during the period September 10 to October 25, 1922.

MUSGRAVES

Musgraves is a small settlement on the west side of Salt Spring island which is only accessible by water.

The wharf previously maintained by the British Columbia Government was so far depreciated as to require an entirely new structure.

The tender of the Vancouver Pile Driving and Contracting Company, of Vancouver, B.C., was accepted for the removal of the old structure and the construction of a new creosote pile wharf with a 60-foot face and approach 78 feet by 12 feet with freightshed 10 feet by 20 feet and slip and landing steps for launches. The work was carried out between February 17 and March 11, 1923.

NICOMEN

This work consisted in building a dyke on the west side of Zaitscullachan slough, from the west end of No. 3 dam, East Nicomen island. The work began April 10, and was completed June 17, 1922. The total quantity of earth in the embankment was 3,539 cubic yards. Length of dyke built, 1,010 feet. Average height, 6 feet; width at top of dyke 6 feet. Side slopes 1½ to 1. A wire fence was put around dyke to protect it from cattle, which took in 2.15 acres of land.

OSLAND PARK

Osland Park is a fishing village on the eastern side of Smith island, at the mouth of the Skeena river, and is about 16 miles from Prince Rupert.

A suitable landing was built for fishing boats, consisting of an approach on piles 330 by 8 feet 9 inches with head 12 feet by 20 feet on which was built a freight-shed 10 feet by 12 feet, float 20 feet by 66 feet with a decked area of 20 feet by 10 feet and connecting gangway 44 feet by 4 feet. The float was protected at the end against ice.

The work was carried out during March, 1923.

STEWART

During September, 1922, renewals of the decking of the wharf approach were made over an area 258 feet by 20 feet by day labour. Other work consisted of an addition to the wharf 83 feet by 50 feet, while the freight shed was enlarged from 60 feet by 20 feet to 90 feet by 30 feet.

STEVESTON JETTY

Contract was entered into for the construction of the third section of the Steveston jetty, at the mouth of the Fraser river, on the north side of same. The contract is dated November 24, 1922. Amount of contract was $61,981.

The type of construction consists of brush mattress apron and rock mound. The jetty was built up to the full height for 1,900 feet. There is 100 feet at the outer end built up to 3 feet below grade, and the mattress laid for 75 feet beyond the mound.

When the contract was let it called for an extension of 3,000 feet beyond the end of the old jetty, but the work was stopped by the Contractor before its completion.

Work was commenced February 27, 1922, and stopped September 15, 1922.

TACHI RIVER

The work of improving this river to facilitate navigation of launches, etc., moving from Stuart lake to the Omineca mining country, was carried out by day labour, during low water autumn months.

UCLUELET (WEST)

Uchuelet is situated on the north side of Berkley sound. On the west side of the harbour a wharf was constructed 100 feet by 30 feet with approaches 225 feet by 12 feet, freight shed 12 feet by 24 feet, and landing steps for launches at the back of the wharf head. Creosoted piling was used in the wharf head (except fender piles), while untreated piles were used in the wharf approach.

The total cost of the work was $8,461.56, and was carried out in the interval between February 19 and March 31, 1923.

VAN ANDA

Work consisted of reconstructing the pile wharf which had fallen in June last; this included extending old approach and building new pier and shed.

Approach extension, 16 by 49 feet; pier, 60 by 80 feet; shed, 18 feet by 24 feet; platform for steps, 4 by 12 feet; and landing steps, 4 by 32 feet.

Contract was entered into dated November 9, 1922, and work was started October 20 and completed November 15, 1922.

VANCOUVER

The Board of Parks Commissioners of Vancouver requested that this department construct a retaining wall along that part of the Stanley Park foreshore facing the First narrows, which is subject to bank erosion. Wave action, caused principally by the "wash" from steamers passing through the narrows at high tide, is the chief source of erosion at this point.

Stanley Park is the property of the Dominion Government, being a military reserve, and is leased to the city of Vancouver for park purposes, subject to Government requirements for military needs. The board applied for this wall, in view of this fact, and further agreed to undertake the work with its own organization, the department paying the cost thereof and having supervision over the work.

Under this arrangement, work was started January 9 and completed March 31, 1923. Total length of wall built was 1,010 feet.

The board undertakes to make the necessary fill behind the wall, and grade the bank where necessary.

VICTORIA

Hospital Rock

The conditions of the improvements at this point on March 31, 1922, are as described in annual report for that year. Work was carried to completion June 22, 1922, a further quantity of 2,816 cubic yards of rock and 488 cubic yards of silt, scow measurement, were removed by departmental drill plant and dredge *Ajax*.

The above work resulted in an additional 90 feet of width in the channel for vessels entering and leaving the harbour.

Discovery Rock—Removal of Rock

Work was continued and completed October 13, 1922, and a further quantity of 1,313 cubic yards of rock and 480 cubic yards of silt, scow measurement, were removed by departmental drill plant and dredge *Ajax*, an increased width of 80 feet being given to the channel in the approach to the new Johnson Street bridge from the south. The quantity removed from inception of work, February 4, 1921, place measurement, 3,857 cubic yards.

JAMES BAY

Dredging.—With the object of providing improved facilities for Canadian Pacific Railway vessels when docking and leaving the harbour, an area was dredged to 23 feet below low water. The dimensions of the area dredged, which is of irregular shape, are 670 feet in length, with an average width of 250 feet. The work was done by departmental dredge *Ajax* in the interval July 11 to August 24, 1922. The material removed consisted of clay and silt, place measurement, 16,321 cubic yards.

Canadian Pacific Railway and Canadian National Railway Wharves.—In order to provide adequate depth of water for vessels using the slip at the south

side of the Canadian Pacific Railway wharf the same was dredged to 20 feet at low water, while the same depth was given in the berths on the north and south side of the Canadian National Railway (Grand Trunk) wharf. The nature of the material removed by departmental dredge *Ajax* consists of clay and silt, the quantities removed being as follows:—

Canadian Pacific Railway Wharf—Place measurement, 9,213 cubic yards; including 3,227 cubic yards refuse. The work was carried out intermittently between July 28, 1922, and March 22, 1923. Dimensions of areas dredged—630 feet long, 100 feet average width

Canadian National Railway (G.T.P.) Wharf (north side)—Place measurement, 783 cubic yards. Period of operations, August 24 to September 15, 1922.

Johnson Street Bridge.—At the completion of the new Johnson Street bridge a very necesary improvement was carried out by deepening the channel at this point, that was dredged to 20 feet below low water with a width of 120 feet at the bascule opening. The nature of the material was clay and silt. Quantities removed—place measurement, 12,346 cubic yards.

Turning Basin, Area "A".—This work was carried to completion by dredge *Ajax*, a further amount of 42,268 cubic yards, scow measurement, being removed. Quantities of material removed from the inception of work, December 12, 1921, consisting of clay and silt, are as follows: Place measurement, 76,432 cubic yards.

A depth of 25 feet at low water level has been given over an area of irregular shape about 1,400 feet in length with an average width of about 400 feet. Probable duration of the improvement may be given as five years.

Canadian National Railway (G.T.P.) Wharf (south side.—Place measurement—2,130 cubic yards. Probable duration of the improvement, three years.

Shoal Spots in Fairway.—Shoal spots were removed to 20 feet below low water from the fairway west of Laurel and Songhees Points. The work was done by departmental dredge *Ajax*, September 5 to 13, 1922. Quantity of material removed 3,048 cubic yards, scow measurement.

Mount Royal Milling and Manufacturing Company—Producers Rock and Gravel Company.—An area of 264 feet by 120 feet fronting the wharf of the Mount Royal Milling and Manufacturing Company was dredged to 20 feet below low water in order to provide adequate depth for cargo vessels using the wharf. Period of operations September 27 to October 4, 1922. Nature of material—clay and silt.

An area of 140 feet by 80 feet was dredged opposite the property of the Producers Rock and Gravel Company to depths to provide sufficient depth for launches and tug boats using this landing. Period of operations, March 8 to 15, 1923. Nature of material, clay and silt.

This work was carried out by dredge *Ajax*.

Quantities removed are as follows:—

Mount Royal Milling and Manufacturing Company.—Place measurement, 2,581 cubic yards.

Producers Rock and Gravel Company.—Place measurement, 2,781 cubic yards.

In addition, 200 cubic yards of material were overcast and subsequently removed.

Probable duration of improvement, three years.

ROCK BAY

In order to provide adequate depth of water for coal scows going to the Victoria Gas Company's plant, a channel 900 feet long and 80 feet wide was dredged to required depths and the dredging was subsequently extended to

provide sufficient depth opposite the property of the Taylor Mill Company. In making this improvement the removal of a rock pinnacle was necessary at the entrance to the bay, and 189 cubic yards, scow measurement, of rock were removed by the departmental plant. The remainder of the work, consisting of the removal of clay and silt was carried out between January 2 and March 15, 1923. Material removed was as follows, place measurement, 26,732 cubic yards.

In addition to the above, 5,600 cubic yards of material were overcast and subsequently removed, while 4,750 cubic yards of material were overcast opposite the Taylor Mill Company's property which was not removed.

Shell Oil Company.—With the object of giving adequate depth for vessels calling at the wharf of the Shell Oil Company, situated on the former Songhees reserve, a basin 260 feet by 80 feet was dredged to 22 feet below low water level and the basin was extended to provide deep water fronting the projected wharf to the eastward proposed to be built by the Sidney Roofing and Paper Company.

Nature of material removed consisted of silt and clay and the work was carried out by dredge *Ajax* in the interval May 2 to 5, 1922. Quantity of material removed was 2,630 cubic yards, place measurement.

WEST BANK

Wharf Extension.—Extension consisted of: A new pile bent approach 112 feet long by 16 feet wide, on the south-east of the existing wharf; new wharf shed 16 feet by 42 feet, and pile bent platform to support same. Repairs consisted of raising the existing approach and placing new timbers and mud sills under foundations, and general deck repairs were made.

Work commenced August 30 and was completed October 31.

WOODWARDS.

Contract was entered into, in the sum of $101,371.96, for the construction of a training wall at Woodwards channel, on the Fraser river, about one mile above Steveston, dated December 20, 1922.

The object of the work is to confine the river to a well defined channel at this point, and to prevent the dissipation of the river water over its present wide area. In the past, it has been necessary to maintain the dredge *Fruhling* at this point for long periods, to keep dredging out the sand and silt deposited in the channel, and it is expected that the construction of this wall will obviate the necessity of continued dredging here.

The type of construction adopted is rock mound placed on a brush mattress two feet thick. The elevation of the top of the mound to be 10 feet above Sandheads zero, and 4 feet in width at the top of mound.

YUKON

STEWART RIVER.

Stewart river, a navigable tributary of the Yukon, Y.T., has located thereon the important mining town of Mayo, and makes accessible this very rich mineral area.

Navigation is rendered difficult at certain points by shoal water and boulders. On August 23, the direction of the proposed work was placed under the Commisioner of Yukon Territory.

The work carried out consisted of the removal of snags at Jackman shoot and Rosebud bar and the removal of boulders from the river channel below Mayo. The necessary lining cables required at Rosebud, Long Line and Jackman shoot were delivered at Stewart river, but will not be installed until the coming summer.

DREDGING OPERATIONS

Contract Dredging and Dredging by Day Labour, 1922-23

Anse a Cote, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $209.95. Work commenced September, completed October, 1922. Object of work: Removal of boulders to give fishermen's boats safe access to shore.

Anse a Valleau, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 95 cubic yards boulders, rock. Total expenditure, $424.08. Work commenced August, completed November, 1922. Object of work: Blasting rock and removal of boulders in fishermen's harbour.

Anse Blanche, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $200. Work completed July, 1922. Object of work: Removal of boulders from beach where boats are hauled up above high water line.

Anse du Cap, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $160. Work commenced July 14, completed July 28, 1922. Object of work: Removal of boulders and rock between reefs and shore to permit access to small harbour.

Anse Ste. Croix, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $351.43. Work commenced September, completed October, 1922. Object of work: Removal of boulders and rocks obstructing harbour.

Arrow Lakes, B.C.—Under day labour with District Engineer P. E. Doncaster. Pile-driver. Total expenditue, $1,997.15. Work commenced August, suspended for season December, 1922. Object of work: To buy materials for hull only and pay wages for construction of new pile-driver.

Bath, Ont.—Under agreement with the Frontenac Dredging Co., Ltd., dredge *St. Lawrence.* Quantity removed, 128 cubic yards, place measurement, at $35 per hour, class "B." Total expenditure, $385. Work completed June 24, 1922. Object of work: Dredging in front of Wartman's wharf to grade depth of 12 feet.

Battery Point, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Quantity removed, 1,200 cubic yards gravel and sand. Total expenditure, $598.85. Work commenced October, completed December, 1922. Object of work: Removal of bank of gravel between breakwaters to allow fishing boats alongside at low tide.

Beaver Harbour, N.B.—Under contract No. 13778 with J. A. Gregory, dredge *Beacon Bar.* Quantity removed, 4,690.4 cubic yards, scow measurement, at 60 cents per cubic yard, class "B," mud, clay. Amount passed for payment, $2,532.82; inspection, $54.59; total expenditure, $2,587.41. Work commenced September 1, suspended for season September 13, 1922. Object of work: To provide entrance channel and berth at Public wharf, to 8 feet L.W.

Byng Inlet, Ont.—Under contract No. 13824 with Wm. Bermingham, dredge *Goderich.* Quantity removed, 21,076 cubic yards, place measurement, at 60 cents per cubic yard, class "B," sand, clay. Amount passed for payment, $12,645.60; inspection, $1,320.89; total expenditure, $13,966.49. Work commenced October 13, suspended for season November 22, 1922. Object of work: Removal of shoal spots in Magnetawan river at approach to Canadian Pacific Railway coaling station, and survey.

Canso, N.S.—Under contract No. 13783 with Wm. McFatridge, dredge *Liberty.* Quantity removed, 470 cubic yards, place measurement, class "A," boulders, rock. Amount passed for payment, $5,000 (plant hire fifty days at $100); inspection, $102.69; total expenditure, $5,102.69. Work commenced September 4, completed November 7, 1922. Object of work: Removal of boulders from harbour for safe navigation.

Cap Des Rosiers—Dunne's Cove, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 40 cubic yards boulders. Total expenditure, $150. Work commenced August, completed October, 1922. Object of work: Removal of boulders from fishermen's harbour.

Cap Des Rosiers—North Cove, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 110 cubic yards boulders. Total expenditure, $351.73. Work commenced June 16, completed August, 1922. Object of work: Removal of boulders from fishermen's harbour.

Cap des Rosiers—Reeders Cove, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 50 cubic yards boulders. Total expenditure, $198. Work commenced July, completed September, 1922. Object of work: Removal of boulders from fishermen's harbour.

Chlorydormes—Anse à Colombe, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $249.93. Work completed August, 1922. Object of work: Removal of boulders from mouth of small stream to give better sheltered harbour.

Chlorydormes—Anse Bouchard, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $61. Work completed August, 1922. Object of work: Removal of boulders obstructing entrance to cove.

Chlorydormes—Anse Brulé, Que.—Under agreement with District Engineer P. E. Amiot. Quantity removed, 20 cubic yards boulders and rock. Total expenditure, $380.04. Work completed September, 1922. Object of work: Removal of boulders from two channels leading to fishermen's harbour in the cove.

Chocolate Cove, N.B.—Under contract No. 13778 with J. A. Gregory, dredge *Beacon Bar.* Quantity removed, 33·7 cubic yards, scow measurement, at 60 cents per cubic yard, class "B," mud, clay, gravel. Amount passed for payment, $18.20; inspection, $13.29; total expenditure, $31.49. Work suspended for season, September 15, 1922. Object of work: To maintain a depth of 6 feet L.W.O.S.T. at floating slip and to widen berth alongside pontoon.

Clarkes Harbour, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Total expenditure, $699.50. Work commenced September, completed October, 1922. Object of work: Removal of boulders at docks.

Cobourg, Ont.—Under contract No. 13819 with the Frontenac Dredging Co., Ltd., dredge *St. Lawrence.* Quantity removed, 20,432 cubic yards, scow measurement, at 58 cents per cubic yard, class "B," sand, mud, rock, silt. Amount passed for payment, $11,850.56; inspection, $463.94; total expenditure, $12,314.50. Work commenced September 11, suspended for season November 16, 1922. Object of work: Dredging of entrance channel and basin to permit free movement of car ferries and ensure safe entry for these vessels in all kinds of weather.

Collins' Bay, Ont.—Under contract No. 13493 with the Frontenac Dredging Co., Ltd., dredge *St. Lawrence.* Quantity removed, 5,205 cubic yards and 76 piles, place measurement, at 50 cents and 75 cents per cubic yard, class "B," and old cribwork. Amount passed for payment, $3,502.25; inspection, $125; total expenditure, $3,627.25. Work commenced May 11, completed June 6, 1922. Object of work: Removing old pile and crib piers and dredging channel to 12 feet below L.W. to public wharf.

Deschambault, Que.—Under day labour. Total expenditure $14.61. Work commenced June, completed September, 1922. Object of work: Removal of boulders from channel leading to wharf.

Digby, N.S.—Under contract No. 13777 with J. S. Gregory, dredge *Keta.* Quantity removed, 22,083·7 cubic yards, place measurement, at 40 cents per cubic yard, class "B," mud, sand. Amount passed for payment, $8,833.48; inspection, $199.50; total expenditure, $9,032.98. Work commenced September 12, completed November 14, 1922. Object of work: Deepening basin to 22 feet L.W. at Spur pier for steamers loading pulpwood.

Fame Point, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 10 cubic yards boulders. Total expenditure, $99. Work commenced October 18, completed October 27, 1922. Object of work: Removal of boulders obstructing harbour.

Fraser River, B.C.—Under day labour with District Engineer C. C. Worsfold. Total expenditure, $1,495. Work commenced December, 1922; suspended for season March, 1923. Object of work: Hull for launch *Jetty* to be used as survey boat.

Fraser River, B.C.—Under day labour with District Engineer C. C. Worsfold. Total expenditure, $2,275.51. Work commenced June 3, suspended for season August 7, 1922. Object of work: Removal of snags and other obstructions from the upper navigable portion of the lower Fraser river.

Fraser River, B.C.—Under day labour with District Engineer C. C. Worsfold. Total expenditure, $5,998.77. Work commenced April 1, 1922; suspended for season March 31, 1923. Object of work: Survey and inspection *re* dredging.

Gibbon's Point, Ont.—Under contract No. 13776 with C. S. Boone Dredging and Construction Co., Ltd, dredge *General Meade*. Quantity removed, 110 cubic yards, place measurement, at $4.95 per cubic yard, class "A," boulders, hardpan. Amount passed for payment, $544.50; inspection, $150; total expenditure, $694.50. Work commenced September 7, suspended for season October 24, 1922. Object of work: Dredging channel 150 feet wide to 22 feet low water through shoal off Gibbon's point at eastern entrance of Little Current harbour.

Goderich, Ont.—Under day labour with District Engineer H. B. R. Craig. Total expenditure, $3,041.08. Work commenced March 15, suspended for season March 31, 1923. Object of work: Drilling and blasting solid rock before dredging.

Goose River and Rat Creek, Man.—Under day labour with District Engineer J. E. St. Laurent. Total expenditure, $452.85. Work commenced August, completed September, 1922. Object of work: Removal of boulders from boat channels.

Grande Anse, Que.—Under day labour with District Engineer Amiot. Quantity removed, 40 cubic yards boulders, rock. Total expenditure, $202.93. Work commenced October, completed December, 1922. Object of work: Removal of boulders from fishermen's cove.

Grand Etang, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Total expenditure, $224.75. Work completed September, 1922. Object of work: Rehandling overcast material dredged by *No. 11* and overcast on protection pier at Inverness.

Inverness, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Total expenditure, $301.93. Work commenced October 12, completed October 25, 1922. Object of work: Scraping back overcast from west side of dredged cut.

Jersey Cove, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 100 cubic yards boulders. Total expenditure, $150.50. Work commenced June, completed September, 1922. Object of work: Removal of boulders obstructing fishermen's harbour.

Kars, N.B.—Under agreement with J. S. Gregory, dredge *James S. Gregory*. Quantity removed, 1,557.7 cubic yards, place measurement, at 60 cents per cubic yard, class "B," mud. Total expenditure, $934.62. Work commenced September 4, completed September 8, 1922. Object of work: Dredging cut 200 by 50 feet to 3 feet depth at L.W. to allow ferry boat to land teams, etc., at low water.

Kincardine, Ont.—Under contract No. 13765 with Wm. Bermingham, dredge *Goderich*. Quantity removed, 26,000 cubic yards, scow measurement, at 50 cents per cubic yard, class "B," sand, gravel, mud. Amount passed for payment, $13,000; inspection, $369.80; total expenditure, $13,369.80. Work commenced August 10, completed September 12, 1922. Object of work: Dredging entrance channel and basin to 14 feet L.W. to accommodate existing traffic.

Kingston, Ont.—Under contract No. 13493 with the Frontenac Dredging Co., Ltd., dredge *St. Lawrence*. Quantity removed, 2,728 cubic yards, place measurement, at $1 per cubic yard, class "B," mud. Amount passed for payment, $2,728; inspection, $45; total expenditure, $2,773. Work commenced June 14, completed June 22, 1922. Object of work: Improving berth at grain elevator and coal dock to 12 feet L.W. at Princess street slip and dredging basin at Swift's wharf to 15 feet L.W. for packet boats.

Kingston, Ont.—Under agreement with the Frontenac Dredging Co., Ltd., dredge *St. Lawrence*. Quantity removed, 1,327 cubic yards, place measurement, at 65 cents per cubic yard, Class "B," mud, rock, cinders. Amount passed for payment, $862.55; inspection, $25; total expenditure, $887.55. Work commenced November 27, suspended for season November 30, 1922. Object of work: Dredging at Canadian Locomotive Works to improve berth.

Leonardville, N.B.—Under contract No. 13778 with J. A. Gregory, dredge *Beacon Bar*. Quantity removed, 318.1 cubic yards, scow measurement, at 60 cents per cubic yard, class "B," mud. Amount passed for payment, $171.77; inspection, $13.28; total expenditure, $185.05. Work commenced September 14, completed September 15, 1922. Object of work: Dredging basin at floating slip to 6 feet L.W. to allow smaller boats to reach the slip at low water.

Le Pas, Man.—Under day labour with District Engineer J. E. St. Laurent. Quantity removed, 25 cubic yards, place measurement, boulders and clay. Total expenditure, $195. Work completed December, 1922. Object of work: Clearing channel of boulders to 5 feet below zero of gauge which is 845 M.S.L.

Little Current, Ont.—Under day labour with District Engineer W. J. Fuller. Total expenditure, $630.98. Work commenced June 1, completed June 30, 1922. Object of work: Sweeping channel to 18.5 feet below low water.

Louis Head, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Rocks. Total expenditure, $298.88. Work completed October, 1922. Object of work: Removal of rocks from alongside breakwater.

Lower St. Louis, N.B.—Under day labour with District Engineer G. Stead. Quantity removed, 3,237 cubic yards, place measurement, Class "B," mud, seagrass roots. Total expenditure, $896.14. Work commenced September 15, completed October 26, 1922. Object of work: Deepening cut across flats to 4 feet to allow passage of small boats.

Magdalen Islands, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $4,424.17. Work commenced August, suspended for season November, 1922. Object of work: Building small gasoline engined dredge and performing certain dredging through the Narrows in the lagoon.

Malagawatch, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Total expenditure, $499.90. Work commenced September, completed October, 1922. Object of work: Improving little boat channel.

Midland, Ont.—Under agreement with Wm. Bermingham, dredge *Menesetung*. Quantity removed, 9,049 cubic yards, scow measurement, at 50 cents per cubic yard, class "B," mill-refuse, sand, clay, logs, piles. Amount passed for payment, $4,524.39; inspection, $167.75; total expenditure, $4,692.14. Work commenced October 16, completed November 9, 1922. Object of work: Dredging at wharf of Midland Shipbuilding Co. in order to provide a lay-to berth 306 feet long, 50 feet wide and 16 feet deep, adjacent to new 80-ton crane, where heavy machinery and boilers can be installed in steamers.

Miramichi River (N.W.), N.B.—Under day labour with District Engineer G. Stead. Quantity removed 55 pieces, snags, sunken logs. Total expenditure, $76.70. Work commenced April 26, completed August 25, 1922. Object of work: To permit safe navigation and survey.

Mont Louis—Ruisseau des Olives, Que.—Under day labour with District Engineer P. E. Amiot. Boulders. Total expenditure, $249.30. Work commenced July 3, completed October 10, 1922. Object of work: Removal of boulders from fishermen's harbour.

Montmagny, Que.—Under contract No. 13764 with H. Dussault & Co., dredge *No. 70*. Quantity removed, 42,764 cubic yards, scow measurement, at 50 cents per cubic yard, class "B," clay, boulders. Amount passed for payment, $21,382; inspection, $314; total expenditure, $21,696. Work commenced August 31, completed October 27, 1922. Object of work: Cleaning of berth along south side of Government wharf.

Montreal District, Que.—Under day labour with District Engineer. Repairs to pile-driver. Total expenditure, $1,303.76. Work commenced July, 1922; suspended for season March, 1923. Object of work: Repairs to pile-driver, maintaining and moving same.

Naas and Skeena Rivers, B.C.—Under day labour. Snag-boat *Cygnet*. Snags. Total expenditure, $13,609.83. Object of work: Removal of snags from fishing grounds, Naas and Skeena rivers.

Neil's Harbour, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Total expenditure, $75.50. Work commenced October, completed November, 1922. Object of work: Removal of boulders at dock.

Newcastle, N.B.—Under contract No. 13795 with Miramichi Dredging Co., Ltd., dredge *Peter England*. Quantity removed, 2,987.9 cubic yards, place measurement, at 68½ cents per cubic yard, class "B," mud, gravel, clay, rock, logs. Amount passed for payment, $2,046.71; inspection, $156.78; total expenditure, $2,203.49. Work commenced August 23, completed October 7, 1922. Object of work: To provide berth for schooners drawing 12 to 14 feet carrying coal, molasses and farm products to public slip.

Nicomen Island, B.C.—Under day labour with District Engineer C. C. Worsfold. Survey. Total expenditure, $725.95. Work commenced October 4, 1922; completed January 12, 1923. Object of work: *Re* proposed dredging.

Pelee Island, Ont.—Under agreement with municipality of Pelee Island. Quantity removed, 3,500 cubic yards, place measurement, at 20 cents per cubic yard, class "B." Total expenditure, $700. Work commenced August 16, completed October 20, 1922. Object of work: Rebuilding embankment Protecting the Lighthouse Marsh, Pelee Island, Ont.

Petit Cap, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 60 cubic yards boulders. Total expenditure, $298.49. Work commenced August, completed October, 1922. Object of work: Removal of boulders and obstructions from fishermen's harbour.

Petite Riviere, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Total expenditure, $299.74. Work completed October, 1922. Object of work: Hand dredging to permit vessels to land at wharf.

Pointe à la Loupe, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 2,500 cubic yards sand, mud, gravel. Total expenditure, $1,007.70. Work commenced June, completed August, 1922. Object of work: Dredging channel and basin at wharf.

Point Edward, Ont.—Under day labour with District Engineer H. B. R. Craig. Quantity removed, 156,648 cubic yards, scow measurement, inspection only. Total expenditure, $1,672.64. Work commenced April, suspended for season December, 1922. Object of work: Inspection of sand and gravel dredging from St. Clair river.

Pointe Fregate, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $298.90. Work commenced August, completed September, 1922. Object of work: Removal of rock ledge from fishermen's cove.

Pointe Jaune, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 80 cubic yards boulders. Total expenditure, $395.64. Work commenced October, completed November, 1922. Object of work: Blasting and removing boulders and rocks obstructing fishermen's harbour.

Port Arthur, Ont.—Under contract No. 13826 with O'Brien & Martin, dredges *Samson, Delilah* and *Dominion*. Quantity removed, 213,537 cubic yards, place measurement, at 21 cents and 31½ cents per cubic yard, class "B," fine sand. Amount passed for payment, $63,813.65; inspection, $528; total expenditure, $64,341.65. Work commenced August 26, suspended for season November 27, 1922. Object of work: To provide a depth of 25 feet and width of 100 feet in slip leading into mouth of McIntyre river to Parrish & Heimbecker elevator.

Port Arthur, Ont.—Under agreement with O'Brien & Martin, dredge *Dominion.* Quantity removed, 970 cubic yards, scow measurement, at 60 cents per cubic yard, class "B," mud. Total expenditure, $582. Work completed November 15, 1922. Object of work: Dredging to 25 feet Canadian Pacific Railway elevator "B" slip.

Port Elgin, Ont.—Under contract No. 13782 with Wm. Bermingham, dredge *Goderich.* Quantity removed, 5,800 cubic yards, scow measurement, at 70 cents per cubic yard, class "B," sand and clay—Gap through breakwater cost $1,800. Amount passed for payment, $5,860; inspection, $80; total expenditure, $5,940. Work commenced September 16, completed September 25, 1922. Object of work: Dredging channel to wharf to 10 feet L.W. to accommodate fish tugs and dredging gap through breakwater to 8 feet L.W. to allow current from north to check sand deposit from south.

Quebec, Que.—Under agreement with Lachance Limited. Quantity removed, 721 cubic yards, class "B." Plant rental at $150 per day. Amount passed for payment, twelve days' plant hire at $150 per day = $1,800; total expenditure, $1,800. Work commenced October 6, completed October 26, 1922. Object of work: Removal of old stone-filled crib to provide berth for Marine Department wharf.

Richibucto Cape, N.B.—Under day labour with District Engineer G. Stead. Quantity removed, 5,123 cubic yards, scow measurement, class "B," sand, mud. Total expenditure, $2,379.29. Work commenced July 29, completed October 27, 1922. Object of work: To permit boats drawing 3 feet to enter and leave harbour and to provide shelter basin inside breakwater.

Ruisseau Arbour, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $252.04. Work commenced July, completed August, 1922. Object of work: Clearing and removing stones and boulders from mouth of harbour.

Ruisseau Jacob Hughes, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 750 cubic yards boulders. Total expenditure, $897.42. Work commenced August, completed October, 1922. Object of work: Clearing and removing boulders and rock from natural channel in fishing harbour.

Ruisseau Patate, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $294.25. Work completed November, 1922. Object of work: Removing boulders obstructing four small coves used to harbour fishing boats.

Shuswap Lakes, B.C.—Under day labour with District Engineer P. E. Doncaster. Total expenditure, $341.21. Work commenced August, completed September, 1922. Object of work: Repairs to pile-driver.

Sorel, Que.—Under day labour with District Engineer J. L. Dansereau. Total expenditure, $159.42. Work commenced November 29, 1922; completed January 20, 1923. Object of work: Repairs to scow.

Squamish, B.C.—Under contract No. 13687 with Vancouver Dredging and Salvage Co., Ltd., dredge *Skookum No. 2.* Quantity removed, 15,268 cubic yards, place measurement, at 28½ cents per cubic yard, class "B," sand. Amount passed for payment, $4,351.38; total expenditure, $4,351.38. Work commenced May 22, completed June 15, 1922. Object of work: Dredging an approach basin leading to the ferry slip of the P.G.E. Railway.

Squamish, B.C.—Under agreement with Pacific Construction Co., dredge *Robson.* Quantity removed, 14,083 cubic yards, place measurement, at 26 cents per cubic yard, sand, silt. Total expenditure, $3,661.58. Work commenced November 30, completed December 4, 1922. Object of work: Dredging in front of P.G.E. Railway ferry slip.

St. Charles River, N.B.—Under day labour with District Engineer G. Stead. Quantity removed, 1,021 cubic yards, scow measurement, sand, clay. Total expenditure, $654.92. Work commenced July 11, completed August 25, 1922. Object of work: To provide channel at half tide for scows carrying fertilizer.

St. Etienne de Malbaie, Que.—Under day labour with District Engineer A. G. Sabourin. Total expenditure, $452.95. Work commenced June 1, completed July 10, 1922. Object of work: Cleaning channel of boulders.

St. Jean, I.O., Que.—Under contract No. 13775 with Lachance Ltd., dredge *No. 4.* Quantity removed, 4,469 cubic yards, scow measurement, at $2.50 per cubic yard class "A," 60 cents per cubic yard class "B," clay, boulders. Amount passed for payment, $2,687.10; inspection, $181.15; total expenditure, $2,868.25. Work commenced September 1, completed November 6, 1922. Object of work: Dredging to 10 feet L.W. at west side of wharf to give necessary depth and shelter.

St. Jean, Ile Perrot, Que.—Under day labour with District Engineer J. L. Dansereau. Quantity removed, 195 cubic yards, place measurement, class "A," rock. Total expenditure, $2,096.96. Work commenced September 4, suspended for season October 4, 1922. Object of work: Drilling and blasting rock in channel and basin to Government wharf before dredging and survey.

St. Joachims—Anse à Isaie Vallée, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 60 cubic yards boulders. Total expenditure, $250. Work completed September, 1922. Object of work: Removal of rocks obstructing shelter.

St. Joachims—Anse David Therien, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 80 cubic yards boulders. Total expenditure, $349.40. Work completed August, 1922. Object of work: Removal of boulders obstructing passage to shelter.

St. Joachims—Quinze Collets, Que.—Under day labour with District Engineer P. E. Amiot. Quantity removed, 190 cubic yards boulders. Total expenditure, $627.07. Work commenced September, completed October, 1922. Object of work: Removal of boulders obstructing easterly and westerly channels to harbour.

St. John, N.B.—Under contract No. 13757 with St. John Dry Dock and Shipbuilding Co., Ltd., dredge *Leconfield.* Quantity removed, 55,307 cubic yards, scow measurements, at 34 cents, class "B," mud. Amount passed for payment, $18,804.45; inspection, $13.27; total expenditure, $18,817.72. Work commenced September 10, completed September 26, 1922. Object of work: Dredging deep-water berths to 25 feet to 32 feet at low water.

St. John River, N.B.—Under day labour with District Engineer G. Stead. Quantity removed, 43 snags. Total expenditure, $50. Work completed September, 1922. Object of work: To remove snags brought down by freshet.

St. Louis River, N.B.—Under day labour with District Engineer G. Stead. Quantity removed, 1,885 cubic yards, scow measurement, sand, sawdust, old logs. Total expenditure, $896.14 Work commenced June 16, completed July 19, 1922. Object of work: Removal of shoals to provide channel at all tides for scows carrying mussel mud fertilizer.

St. Mary's River, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Quantity removed, 275 cubic yards, place measurement, boulders. Total expenditure, $1,638.76. Work commenced September, completed October, 1922. Object of work: Removal of boulders at the Narrows below Sherbrooke.

St. Mary's River, Ont.—Under contract No. 13780 with Soo Dredging and Construction Co. Quantity removed, 15,735 cubic yards boulders, loose rock, ledge rock, cemented gravel. Amount passed for payment, $34,320.09; inspection, $2,351.87; total expenditure, $36,671.96. Work commenced August 25, completed December 2, 1922. Object of work: Removal of obstructions in St. Mary's river to a depth of 21.5 feet at low water level.

St. Maurice de L'Echourie, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $288.31. Work commenced June, completed December, 1922. Object of work: Removal of boulders in fishermen's harbour.

St. Yvon, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $286.40. Work completed October, 1922. Object of work: Removal of boulders and rock obstructing fishermen's harbour.

Sydenham and Thames River, Ont.—Under day labour with District Engineer H. B. R. Craig. Quantity removed, 1,482 pieces snags, stumps, roots, etc. Total expenditure, $2,482.59. Work commenced May 17, completed August 5, 1922. Object of work: Removal of 566 snags from Sydenham river = $1,218.54; removal of 916 snags from Thames river = $1,264.05.

Toronto, Ont. (Eastern Channel).—Under contract No. 13754 with Randolph MacDonald, dredge *No. 10.* Quantity removed, 33,244 cubic yards, scow measurement, at 45 cents per cubic yard, class "B," sand. Amount passed for payment, $14,959.67; inspection, $424.50; total expenditure, $15,384.17. Work commenced August 9, suspended for season November 5, 1922. Object of work: Dredging channel 18 to 21 feet below low water to remove shoal spots in lake approach to Eastern channel and between piers.

Trois Ruisseaux, Que.—Under day labour with District Engineer P. E. Amiot. Total expenditure, $350. Work completed October, 1922. Object of work: Removal of boulders and rock obstructing fishermen's harbour.

Verdun—La Tortue, Que.—Under day labour with District Engineer J. L. Dansereau. Total expenditure, $620.99. Work commenced May 13, 1922; completed March, 1923. Object of work: To give safe passage to ferry boat between Verdun-La Tortue, Que.

Windsor, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Total expenditure, $500.13. Work completed July, 1922. Object of work: Cleaning off mud from berth in front of Goudge wharf.

Winnipegosis, Man.—Under day labour with District Engineer J. E. St. Laurent. Dump scow *No. 208.* Total expenditure, $508.66. Work commenced January, suspended for season March, 1923. Object of work: Repairs.

Wolfe's Channel, N.S.—Under day labour with District Engineer C. E. W. Dodwell. Total expenditure, $1,501.50. Work commenced September, completed October, 1922. Object of work: To provide channel from islands to mainland.

Wolfville, N.S.—Under contract No. 13833 with Harris & McKinley. Hand dredging. Quantity removed, 8,100 cubic yards, place measurement, at $1.20 per cubic yard, class "B," mud, sand. Amount passed for payment, $9,720; inspection, $218.19; total expenditure, $9,938.19. Work commenced September 12, suspended for season November 13, 1922. Object of work: Dredging to 24 feet below high water to improve navigation.

Yarmouth, N.S.—Under contract No. 13763 with Halifax Dredging Co., dredge *Ferguson.* Quantity removed, 16,981 cubic yards, place measurement, at $1.45 per cubic yard, class "B," sand, stone. Amount passed for payment, $24,622.45; inspection, $478.79; total expenditure, $25,101.24. Work commenced August 30, suspended for season November 27, 1922. Object of work: Dredging Bunker Island shoal.

FISCAL YEAR REPORT DEPARTMENTAL DREDGES, 1922-23

MARITIME PROVINCES

Dredge	Date	Locality	Material	Quantity Cubic Yards	Cost Locality	Total Expenditure	Cost per cu. yd
					$ cts.	$ cts.	
"No. 1".....	28 April-2 Nov.	Lockeport, N.S., Channel.....	Soft mud, sand, rocks, and hard sand.	236,496	80,087 81	80,087 81	0·338
"No. 2".....	2-6 June.....	Chatham,N.B., Canada Dock	Wood and mud.....	853	1,243 21	.....	1·457
	7-29 June and 10 Aug.-14 Oct.	Miramichi, N.B., Grandoon Flats.	Wood, mud, fine sand and clay.	52,349	21,097 79	.....	0·403
	30 June-9 Aug...	Richibucto, N.B., Outer Bar.	Mud and fine sand.	5,648	6,947 29	.....	1·230
	16-31 Oct.....	Nelson, N.B., Maloney's wharf.	Clay, gravel, stone and slabs.	6,308	4,753 40	.....	0·753
	1-17 Nov.....	Nelson,N.B.,Sullivan'sWharf	Sand, clay, oldwood and mud.	2,453	2,925 17	.....	1·192
				67,611	.....	36,966 86	0·547
"No. 3".....	.....	Not in Commission.....	.....	.....	.....	75 85	
"No. 4".....	16 May & 16-24 June.	Bathurst, N.B., Pulp mill wharf.	Silt.....	3,800	1,879 03	.....	0·494
	17 May-27 May.	Shippegan, N.B., Comeau's wharf.	Mud.....	3,850	1,968 51	.....	0·511
	29 May-15 June..	Shippegan, N.B., Loggies wharf.	Rock, clay, sand, stone, mud.	10,528	4,294 93	.....	0·408
	26 June-11 Aug. and 29 Aug.-30 Sept. and 6-11 Oct. and 13-31 Oct.	Bathurst, N.B., Middle river channel.	Clay, stone, sand, mud.	56,411	24,203 70	.....	0·429
	12-28 Aug.....	Grande Riviere, P.Q., wharf..	Stone, gravel, concrete, blocks	225	581 60	.....	2·584
	2-5 Oct. and 12 Oct.	Bathurst, N.B., Ripple bar..	Gravel.....	1,340	984 25	.....	0·734
	1-9 Nov.....	Bathurst, N.B., Gloucester Lumber and Grading Co. wharf.	Silt and mud.....	4,428	2,326 42	.....	0·525
				80,582	.....	36,238 44	0·450
'No. 5".....	24 Aug.-18 Nov.	Riverport, N.S., Channel....	Mud, sand, stone, gravel.	167,844	54,750 70	54,750 70	0·326
"No. 9".....	13 May-17 June and 5-10 July.	Charlottetown,P.E.I.,Pownal wharf.	Brick, clay, sand, gravel, mud, clay.	17,036	12,040 24	.....	0·706
	19 June-4 July..	Charlottetown, P.E.I., Aylward's wharf.	Mud, old lumber, clay, sand.	6,225	4,398 84	.....	0·706
	11 July-9 Sept...	Southport, P.E.I.....	Mud, sand.....	27,208	12,819 47	.....	0·471
	11-21 Sept.....	Georgetown, P.E.I., Ferry wharf.	Mud, seaweed, sand	1,584	1,105 99	.....	0·698
	22 Sept.-6 Oct...	Beach Point, P.E.I., Prowse wharf.	Sand.....	6,807	4,072 07	.....	0·598
	7 Oct.-17 Nov...	Malagash, N.S., wharf.....	Mud, brick, clay....	9,593	8,697 12	.....	0·906
				68,453	.....	43,133 73	0·630
"No. 11".....	3 Aug.-9 Oct....	Inverness, N.S., Channel.....	Sand, ballast, rock, gravel.	16,085	9,481 47	9,481 47	0·589
"No. 12".....	13 July-16 Nov.	Mount Stewart, P.E.I., Hillsboro river.	-Redclay,stone,mud sand, clay.	60,301	34,011 24	34,011 24	0·564
"No. 13".....	25 May-2 June...	North Sydney, N.S., Brennan's wharf.	Mud and rock.....	2,464	2,381 58	.....	0·966
	3-8 June.....	North Sydney, N.S., Vooght's wharf.	Mud and rock.....	1,890	1,651 23	.....	0·873
	9 June.....	North Sydney, N.S., Musgrave's wharf.	Mud and rock.....	390	349 30	.....	0·895
	10 June-20 July.	Little Bras d'Or, N.S., Channel.	-Sand, mud, rock, gravel.	20,260	9,843 85	.....	0·485
	21-26 July.....	Big Bras d'Or, N.S., wharf..	Sand, gravel, rock..	2,062	1,333 68	.....	0·646
	27 July-3 Aug...	Port Hastings, N.S., Piers....	Sand, gravel, rock, coal, logs.	1,320	905 00	.....	0·685
	4-28 Aug.....	Port Hood, N.S., wharf.....	Gravel. rock, coal ballast.	6,406	6,065 08	.....	0·946
	29 Aug.-3 Oct...	Grand Etang, N.S., Basin.....	Ballast, gravel, sand mud, silt.	19,258	7,875 08	.....	0·408
	4 Oct.-6 Dec....	Petit de Grat, N.S., wharfs...	Mud, sand, rock, gravel.	15,597	14,368 85	.....	0·921
	7-28 Dec.....	Arichat, N.S., wharfs.....	Mud, rock, sand, clay, ballast.	7,794	4,001 05	.....	0·513
				77,441	.....	48,774 70	0·629

SESSIONAL PAPER No. 31

FISCAL YEAR REPORT DEPARTMENTAL DREDGES, 1922-23—*Con.*

MARITIME PROVINCES—*Concluded*

Dredge	Date	Locality	Material	Quantity Cubic Yards	Cost Locality	Total Expenditure	Cost per cu. yd
					$ cts.	$ cts.	$ cts.
"No. 15".....	20 May-25 Nov.	First South, N.S., Channel....	Mud	21,042	6,144 21	6,144 21	0·291
"No. 115".....	10 May-29 July and 5-9 Aug.	Yarmouth, N.S., Bug light....	Rock, boulders, hard clay, mud, fine sand.	25,350	32,010 30	.....	1·262
	31 July-4 Aug. and 10 Aug.-11 Nov.	Yarmouth, N.S., Main channel, opposite wharf.	Fine sand and mud.	89,016	32,634 45	.....	0·366
				114,366	.....	64,644 75	0·565
				.....	.....	.....	.....
Scow No. 107..	.....	.....	.....	.....	.....	$ 1,985 00	
Scow No. 157..	.....	.....	.....	.....	.....	3,272 20	
Printing and stationery.	.....	.....	.....	.....	.....	104 49	
Advertising....	.....	.....	.....	.....	.....	38·09	
			Grand Total.....	.....	.....	$419,709 54	

Credits for rental and sale of plant not taken into consideration.

ONTARIO AND QUEBEC

"Q.&R. No. 1"	27-30 May.....	Walkerville, Ont., Imperial Oil Co.	Clay, sand and gravel.	2,781	1,087	19.....	0·390
	31 May-29 June.	Thames River mouth.....	Clay, sand and gravel.	34,608	8,362	95.....	0·241
	30 June-14 Sept.	Sydenham River channel.....	Clay hard and quick sand.	70,143	21,869	10.....	0·311
	14-20 Sept.....	Sydenham River, Dominion Sugar Co.....	Clay, waste and quick sand.	5,562	2,048	93.....	0·368
	21 Sept.-3 Oct. and 5-11 Oct.	Sarnia, Ont., Imperial Oil Co.	Hard clay, gravel and hardpan.	13,905	5,310	47.....	0·381
	4-5 Oct.....	Sarnia, Ont., Chick Contracting Company.	Hard clay, gravel and hardpan.	618	585	42.....	0·947
	1 Nov.-9 Dec...	Port Burwell, Ont.....	Clay and hardsand.	17,922	4,599	62.....	0·256
				145,539	.....	..$43,863 68	0·218
"No. 102".....	.....	Not in commission.....	.....	.....	.....	41 97	
"No. 103".....	.....	Not in commission.....	.....	.....	.....	2,315 11	
"No. 109".....	22-23 June.....	Midland, Ont.....	Clay and silt.....	1,421	1,011	49.....	0·711
	24 June-12 Dec..	Goderich, Ont.....	Rock, clay and silt.	36,048	51,198	21.....	1·420
				37,469		52,209 70	1·393
"No. 110".....	3-6 June.....	Quebec, King's wharf.....	Hardpan and boulders.	1,844	1,398	92.....	0·758
	7-15 June.....	Murray Bay, P.Q., Government wharf.	Slush and quicksand	5,511	2,550	10.....	0·462
	16 June-6 July..	Grosse Isle, east and west wharves.	Clay and rock.....	11,431	3,817	87.....	0·334
	7-12 July.....	Tadousac, P.Q., Saguenay Co. wharf.	Cinders and Hardpan.	2,385	874	32.....	0·366
	13 July-29 Sept.	Rimouski, P.Q., Channel and basin.	Stone, sand, clay, hardpan,slush and scraping.	70,002	25,034	74.....	0·357
	30 Sept.-20 Nov.	Port Alfred, P.Q.....	Slush and blueclay.	48,413	14,630	31.....	0·302
				139,586	.....	.. 48,306 26	0·346
"No. 112".....	.....	Not in commission.....	.....	.....	.....	.. 660 00	
"No. 116".....	.....	Not in commission.....	.....	.....	.....	.. 12,950 62	
"No. 117".....	1 April-4 July, 7 Sept.-16 Oct.	Port Burwell, Ont.....	Clay, sand, silt, mud, slush and quicksand.	141,615	39,280	82.....	0·277
	5 July-6 Sept....	Port Stanley, Ont.....	Silt, slush, clay, gumbo, stones and piles.	69,349	16,799	69.....	0·242
				210,964	.....	.. 56,080 51	0·265
"No. 121".....	30 May-7 July...	Dorval, P.Q.....	Sand, clay, boulders, timber, gravel and hardpan.	8,629	5,553	52.....	0·643
	7-8 July.....	Strathmore, P.Q.....	Gravel, hardpan and boulders.	155	258	85.....	1·67
	10-17 July	Charlemagne, P.Q., St. Maurice Paper Co.	Sand and logs.....	1,674	835	38.....	0·499
	18 July-23 Aug.	Notre Dame de Pierreville, P.Q.	Sand and clay.....	10,809	5,800	61.....	0·536
	24 Aug.-7 Oct...	Batiscan, P.Q.....	Sand.....	9,444	5,600	59.....	0·593
	9 Oct.-11 Nov...	Three Rivers, P.Q., Fraser Brace Co.	Sand, clay and quicksand.	6,937	4,494	59.....	0·647
				37,648	.....	.. 22,543 54	0·59

FISCAL YEAR REPORT DEPARTMENTAL DREDGES, 1922-23—*Con.*

ONTARIO AND QUEBEC—*Concluded*

Dredge	Date	Locality	Material	Quantity Cubic Yards	Cost Locality	Total Expenditure	Cost per cu. yd
					$ cts	$ cts.	$ cts.
"No. 123".....	25 May-2 June...	Caughnawaga, P.Q., Government wharf.	Hardpan.....	3,232	3,475 04	.....	1·075
	3 June-11 July...	Nicolet, P.Q.,Main channel...	Sand and clay.	15,707	7,277 43	.....	0·463
	12-19 July.....	St. Emile, P.Q., Goverment wharf.	Hard clay.....	2,020	906 53	.....	0·448
	20-24 July.....	Le Platon, P.Q., Government wharf.	Sand and clay.....	4,343	1,410 16	.....	0·324
	25-28 July.....	Deschaillons, P.Q., Boisverts wharf.	Sand, clay and stone	3,030	1,158 35	.....	0·382
	29 July-19 Aug..	Charlemagne, P.Q., St. Maurice Paper Co.	Logs, bark, sawdust and clay.	22,119	7,504 06	.....	0·339
	21-24 Aug.....	Longueuil, P.Q., Municipal Sewer Basin.	Hardpan.....	2,779	1,460 53	.....	0·525
	25-26 Aug.....	Lachine, P.Q.	Old scow.....	.....	302 18	.....	
	28 Aug-16 Sept. and 23 Sept.	Beauharnois, P.Q., Kilgours wharf.	Clay and stone.....	16,553	6,798 98	.....	0·410
	18-22 Sept. and 25 Sept.	Beauharnois, P.Q., Leduc's wharf.	Clay and stone. ...	5,454	2,669 24	.....	0·489
	26-28 Sept.....	Kavanagh Point, P.Q.....	Stone.....	75	50 37	.....	0·671
	28 Sept.-17 Oct..	Rigaud-River, P.Q., Entrance	Stone, sand and clay	10,302	6,471 63	.....	0·628
	18-28 Oct.....	do. Government wharf...	Sand and clay.....	4,444	1,913 79	.....	0·430
	30 Oct.-2 Nov...	do Cut below C.P.R. bridge.	Sand and clay.....	2,067	755 45	.....	0·365
				92,125	.....	42,153 74	0·457
"Harricana"...	29 May-28 July..	Kewagama Portage Cut, P.Q.	Sod, clay, roots, brush, muck and stumps.	9,773	6,807 80	.....	0·696
	29 July-4 Oct....	Lake Demontigny, P.Q.....	Hard clay (partly blasted).	6,566	5,704 83	.....	0·868
	5-24 Oct.....	Harricana W. river, P.Q.	Boulders, gravel and hardpan.	861	1,541 26	.....	1·790
				17,200	.....	14,053 89	0·817
Spare Tugs...	.....	.....	.....	.....	.....	$ 2,074 70	
Viet. Isl Shipyard.	.....	Maintenance, contingencies, repairs.	.....	.....	.....	3,861 40	
Magdalene Island Dredge	.....	Construction.....	.....	.....	.....	4,424 17	
Sounding Scow No. 2.	.....	.....	.....	.....	.....	377 20	
Spare Scows Nos. 1 and 16	.....	.....	.....	.....	.....	463 05	
Scow at Sorel.	.....	.....	.....	.....	.....	159 42	
Scows Wm. Q. and Don R.	.....	.....	.....	.....	.....	474 14	
Miscellaneous..	.....	Telegrams,advertising,&c....	.....	.....	.....	1,158 64	
			Grand Total.....	.....	.....	$308,171 74	

MANITOBA, SASKATCHEWAN AND ALBERTA

"No. 201".....	25 May-6 Oct...	Red River, Mouth, Man.....	Sand and clay.....	69,350	$11,124 04	.....	0·160
	7-28 Oct.....	Grand Marais, Man.....	Sand and clay and gravel.	12,757	2,858 12	.....	0·224
	30 Oct.-2 Nov..	Selkirk, Marine Rly., Man....	Sand and mud.....	2,665	514 05	.....	0·192
				84,772	.....	$14,496 21	0·171
"No. 202".....	2 Aug.-15 Sept..	Victoria Beach, Man.....	Sand clay, boulders.	7,754	4,016 59	.....	0·518
	16-29 Sept.....	Grand Marais, Man.....	Sand, clay, gravel...	1,250	576 16	.....	0·460
	30 Sept.-5 Oct...	Winnipeg, Elec. Street Rly....	Clay.....	1,420	543 23	.....	0·382
	6-26 Oct.....	Winnipeg, Brown and Rutherford wharf.	Sand and clay.....	4,550	2,535 07	.....	0·557
	27-31 Oct.....	St. Andrews Lock and Dam, Man.	Boulders.....	230	362 16	.....	1·574
				15,204	.....	8,033 21	0·528
"No. 204".....	.....	Not in commission.....	.....	.....	.....	1,862 45	
"No. 205".....	8 June-30 Sept..	Big George Island, Man.....	Hardpan, large and small boulders.	9,000	.....	20,580 29	2·286
"No. 208".....	2 June-5 Sept....	The Pas, Man.....	Sand, clay, boulders	5,367	.....	9,238 13	1·21
"No. 210".....	.....	Not in commission.....	.....	.....	.....	941 29	
"Plamondon"..	3 Aug.-26 Sept...	Horse Creek, Alta.....	Loam and clay.....	5,582	.....	3,927 64	0·703
Tug *Parkdale*...	.....	Not in commission.....	.....	.....	.....	274 43	
Coal barges M1, M2, M3.	.....	.....	.....	.....	.....	490 50	

SESSIONAL PAPER No. 31

FISCAL YEAR REPORT DEPARTMENTAL DREDGES, 1922-23—*Con.*

MANITOBA, SASKATCHEWAN AND ALBERTA—*Concluded*

Dredge	Date	Locality	Material	Quantity Cubic Yards	Cost Locality	Total Expenditure	Cost per cu. yd
					$ cts.	$ cts.	
"No. 201," Reconstruction..	.....	.....	.....	.....	.....	22,882 58	
"No. 210" Reconstruction.	.....	.....	.....	.....	.....	12,525 84	
Plamondon, Construction.	.....	.....	.....	.....	.....	4,282 98	
Scow No. 209..	.....	.....	.....	.....	.....	508 66	
Advertising....	.....	.....	.....	.....	.....	15 75	
			Grand Total....	.....	.....	$100,059 96	

Credits for rental or sale of plant not taken into consideration.

BRITISH COLUMBIA

"No. 301".....	1-6 April and 28-29 April and 6 May-18 July and 25 July-26 Sept.	Victoria Harbour, Area A, B, C, etc.	Mud, hardpan and rock.	79,886	$32,057 19	.....	0·401
	7-15 April and 24-27 April.	Hospital rock.....	Rock.....	2,413	3,198 59	.....	0·132
	17-22 April.....	Bamberton, B.C., Cement....	Silt and gravel.....	775	385 95	.....	0·498
	1-5 May.....	Shell Oil wharf, Victoria.....	Mud and Hardpan..	3,135	1,387 40	.....	0·442
	19-24 July.....	Discovery rock.....	Mud and rock.....	1,786	1,375 42	.....	0·77
	27 Sept.-30 Oct.	Mount Royal Milling Co.....	Mud and Hardpan..	3,275	1,665 52	.....	0·508
	4-16 Oct. and 11-30 Dec.	Johnson Street bridge.....	Mud and rock.....	15,986	7,024 67	.....	0·439
	17-24 Oct. 27 Oct.-18 Nov.	Sandheads.....	Rock and sand.....	4,389	1,967 59	.....	0·448
	25-26 Oct.....	Cannery Ch. Sandheads.....	Mud and rock.....	731	265 50	.....	0·363
	1 Jan.-24 Feb....	Rock Bay.....	Mud and rock.....	31,924	9,438 75	.....	0·295
	26 Feb.-6 Mar. and 12-14 Mar.	Taylor Mills, Rock Bay.....	Clay and mud.....	9,304	2,124 62	.....	0·228
	8-10 Mar.....	Producers wharf, Victoria. ...	Clay and mud.....	3,709	1,170 46	.....	0·314
	16-22 Mar.....	C.P.R. wharf.....	Mud and refuse.....	3,186	1,002 08	.....	0·314
				160,499	.....	$63,063 74	0·392
"No. 302".....	10 April-16 May	Kootenay Landing.....	Sand, clay and stiff clay.	9,050	.....	4,769 14	52·6
"No. 302".....	.....	Reconstruction.....	.....	.....	.....	9,087 36	
"No. 303".....	22 April-4 July and 24 July-5 Aug. and 10 Aug.-3 Oct. and 16 Oct.—6 Nov. and 9 Nov.-20 Jan. and 29 Jan.-3 Feb.	Woodwards Cut, Fraser river.	Silt and sand.....	651,684	$51,933 50	.....	0·079
	7-9 Aug. and 29 Mar.	Squamish.....	Mud and silt.....	5,544	595 78	.....	0·107
	4-14 Oct.....	Sandheads.....	Mud and sand.....	39,600	2,609 02	.....	0·065
	7-8 Nov.....	Fraser mills.....	Mud and sand.....	2,111	606 05	.....	0·287
	22-27 Jan. and 5 Feb.-27 Mar. and 29-31 Mar	North Arm Fraser river.....	Mud and silt.....	66,396	8,052 99	.....	0·121
				765,335	.....	63,797 34	0·083
"No. 305".....	1 April-30 May and 29 Sept.-30 Nov.	Sumas Prairie.....	Mud, sand and clay.	457,710	61,148 89	.....	0·133
	1-17 June.....	Paper Mills, Fraser river.....	Mud, Sand and clay.	23,515	2,889 73	.....	0·123
	19 June-4 July and 1 Aug.-13 Sept.	North Arm-Fraser river.....	Mud, sand and clay.	123,890	10,710 16	.....	0·087
	14-23 Sept.....	Poplar Island.....	Mud, sand and clay.	7,390	1,125 34	.....	0·152
	25-28 Sept.....	River Side.....	Mud, sand and clay.	7,280	882 19	.....	0·121
	25 Dec.-20 Jan...	Huntting Merritt mills.....	Mud, sand and clay.	34,060	4,324 29	.....	0·127
	22-27 Jan.....	B.C. Manufacturing Co. mills.	Mud, sand and clay.	4,480	573 97	.....	0·128
	29 Jan.-18 Feb...	Pitt Lake.....	Mud, sand and clay.	18,640	1,775 24	.....	0·095
	19 Feb.-27 Mar.	Ladner.....	Mud, sand and clay	86,860	6,684 25	.....	0·077
	28-31 Mar.....	Gilley Bros. wharf.....	Mud, sand and clay.	1,775	275 69	.....	0·155
				765,600	.....	90,388 75	0·11

FISCAL YEAR REPORT DEPARTMENTAL DRDEDGES, 1922-23—*Con.*

BRITISH COLUMBIA—*Concluded*

Dredge	Date	Locality	Material	Quantity Cubic Yards	Cost Locality	Total Expenditure	Cost per cu. yd
					$ cts.	$ cts.	
"No. 306"	.....	Not in commission	.....	.....	.....	9,963 45	
"No. 307"	.....	Not in commission	.....	.....	.....	562 61	
"No. 309"	.....	Not in commission	.....	.....	.....	650 26	
"No. 309"	.....	Reconstruction	.....	.....	.....	8,853 44	
"No. 311"	26-30 Sept.	Leary's saw mill	.....	3,050	540 25	.....	17·71
	2-27 Oct.	Forest and glen	.....	12,050	1,736 52	.....	14·41
	28 Oct.-16 Nov. and 22-31 Mar.	Two Beacon bar	.....	9,760	1,443 25	.....	14·78
	17 Nov.-21 Mar.	Deer rock	.....	53,230	11,515 09	.....	21·63
				78,090	.....	15,235 11	19·50
Scow 311	.....	.....	.....	.....	.....	7,313 81	
Rockbreaker No. 1.	.....	Not in commission	.....	.....	.....	1,235 06	
Rockbreaker No. 2.	.....	Not in commission	.....	.....	.....	1,174 52	
Tug *Petrel*	.....	Not in commission	.....	.....	.....	619 23	
Tug *Point Grey*	.....	Not in commission	.....	.....	.....	50 35	
Tug *Point Hope*	.....	Not in commission	.....	.....	.....	182 82	
Drilling Plant	1 May-5 Aug.	Victoria Harbour, Hospital (Rock Bay) and Discovery rock.	Gneiss rock	.....	6,169 99		
	7 Aug.-16 Sept.		Gneiss rock	117	2,139 81		
				117	.....	8,309 80	
Printing and stationery	.....	.....	.....	.....	.....	144 11	
Advertising	.....	.....	.....	.....	.....	40 70	
					Total	$285,441 60	

DRY DOCKS

CHAMPLAIN DRY DOCK

The contractors continued to replace defective work, which had not been built in conformity with contract plan and specification.

Installed a small steam pump for emergency purpose, and replaced the hot well pump by two new ones, of the centrifugal vertical type driven by electric motors. All the electric connections and different pipe lines have been completed.

The department has also executed, by day labour, the following works:—

The overhead electric line connecting the Lorne with the Champlain Dry Dock was completed; work on the aerial line and underground cable, with the necessary transformers for the electric energy purchased from the Quebec Light, Heat and Power Company have been started, and will be completed during the fiscal year 1923-24.

Operation and Maintenance.—The following special works were executed: Installation of a heating system in the rolling caisson chamber; the extension of the coal conveyer underneath the railway siding next to the boiler room, in order that the coal coming in car might be dumped direct into the coal chute of the conveyer; installation of inter-connections between the two feed pumps and the fire pumps.

During the fiscal year, the dock was occupied for 282 days by 22 ships of a total tonnage of 60, 351 tons. Seven Canadian Government vessels occupied the dock for 162 days of this period.

LORNE DRY DOCK

The following special works were executed: The fence was repaired; 1,020 lineal feet of sidewalk along the Government road leading to the dock were rebuilt in concrete, and 617 lineal feet of the road were rebuilt in macadam.

The dock was occupied for 294 days by 17 ships of a total tonnage of 32,498 tons.

Five Canadian Government vessels occupied the dock for 185 days of this period.

OLD ESQUIMALT GRAVING DOCK.

Thirty-two ships, combined tonnage 155,287 tons, occupied the dock ninety-two days.

The grounds have been kept clean and the buildings repaired and painted.

A travelling crane has been installed.

NEW ESQUIMALT DRY DOCK

The total value of the work done prior to April 1, 1922, was $1,154.754, and an allowance of $53,448.36 had also been made for material on site.

The work was shut down April 1 and resumed July 7.

At the end of the fiscal year, the inner 700 feet of the length of the dock has been excavated to the lines and grades required for concreting with the exception of the incline on the north side of the dock up which the excavated material is hauled.

The remainder of the rubble stone foundation for six cribs forming the landing wharf was placed, the amount being 4,914 tons, while 853 cubic yards of top dressing were placed on the mounds.

Wharf.—The substructure of the landing wharf is composed of timber cribs 100 feet long, 40 feet wide, and 35 feet high, sheathed with reinforced concrete and sunk on the prepared rubble mound, so that the top is at an elevation of 3 feet above low tide, these cribs are then ballasted, and a concrete coping to elevation +14·5 constructed on top with filling behind.

Seven cribs are now completed, and five of these forming part of the landing wharf and the one south of the wing wall at the dock entrance have been sunk into position and ballasted. The work done during the fiscal year comprised 13,054 cubic yards of crib work, 1,467 cubic yards of concrete sheathing, and 61.4 tons of reinforcing steel.

The concrete parapet on the five landing wharf cribs sunk into position was poured, and is complete with bollards and fender timbers. The work done consists of 1,570 cubic yards of mass concrete, 200 cubic yards of granolithic concrete, eight bollards and 9,385 feet board measure of fender timbers in place.

The total value of work done under the contract during the fiscal year amounts to $632.345, making the total since the commencement of the work $1,787,099.

BRIDGES AND ROADS

MATAPEDIA

Interprovincial Bridge.—The work done consisted in the laying of a trail over the flooring on a width of 8 feet for the full length; 3-inch birch deals were used, and the rail-guard of the easterly approach was repaired at a cost of $1,499.93.

BRYSON BRIDGE

Work on reconstruction of the piers was discontinued April 23. The erection of falsework proceeded with in February, as soon as work could be safely carried on from the ice. The spans, which had shifted upstream, due to the decayed condition of the pier, were moved back into line, The old timber pier was razed to the low-water line, and the construction of the new timber pier was progressing favourably at the end of the fiscal year. The new pier consists of lower section of open face cribwork, 18 by 38 feet, with cutwater, secured to old crib foundation, thoroughly filled with stone ballast and sheeted on a height of over 10 feet between L.W.L. and E.H.W.L. On this footing, there are two towers of framed bents of British Columbia fir, thoroughly braced, which carry the bridge spans.

BURLINGTON CHANNEL

Authority was given July 8 to make improvements to the approaches of the bridge.

Authority was given October 3 to put the house, occupied by the bridge master, in good sanitary condition, including installation of bath, basin, water closet, water pipes, boiler, etc

The temporary crossing over the Burlington channel was maintained in operation from the first of April until May 12, when the new Bascule bridge was officially opened for traffic, and the temporary crossing was removed.

The balance of work remaining to be done by the contractors for the construction of the substructure of the Bascule bridge, namely, the filling in of the earth approaches to the bridge, was completed and final estimate was given July 31.

The Hamilton Bridge Company continued work on the superstructure of the Bascule bridge April 1, and this contract was completed and final estimate was given June 7.

The work in connection with making improvements to bridge and approaches was commenced July 27, was completed October 31, and consisted in the following improvements being made: Guard fences were erected, sidewalks were laid,roadways were graded, the old swing-bridge chain pit was filled in, levelled and grassed, the departmental office building was repaired, and general improvements were made in vicinity of the bridge.

GOVERNMENT TELEGRAPH SERVICE

J. E. Gobeil, General Superintendent

Location of Lines	Year constructed	Length of Lines: Miles of Pole Line	Length of Lines: Miles of Wire	Length of Lines: Cables	Number of Offices	Messages sent: 1922	Messages sent: 1923
Newfoundland	1883	14	14	.....	2	.....	.....
Nova Scotia	1880–1916	824¼	950¼	37	161	27,326	25,183
New Brunswick—							
Chatham–Escuminac	1885–1919	86½	109¾	.....	42	7,779	8,744
Bay of Fundy	1880–1916	64¾	82¼	35	21	5,263	4,985
Quebec—							
Magdalen Islands	1880–1910	111½	140	73¼	20	3,932	3,463
Anticosti Island	1881–1890	251½	251½	65¼	9	1,106	1,007
North Shore St. Lawrence	1881–1915	1,082	1,082	5½	77	38,934	35,746
Chicoutimi District	1881–1912	479	479		36	14,683	15,239
Quarantine System	1885–1912	51¾	152¼	24½	17	14,590	10,481
Quebec County	1909–1914	73	97½	.....	12	9,441	10,800
Temiskaming	1910–1912	104	104	.....	18	1,700	2,433
Ontario—							
Pelee Island	1889–1901	.....	.....	17½	...	345	58
Saskatchewan	.....	.....	.....	.....	.....	.....	20,992
Moose Jaw–Willow Bunch	1885–1912	179	212	.....	7	.....	.....
Battleford–Isle la Crosse Section	1912	323	333	.....	8	24,440	.....
Qu'Appelle–Onion Lake	1883–1913	397	458	.....	12	.....	.....
Alberta	.....	.....	.....	.....	.....	.....	34,384
Onion Lake–Hudson Hope loops and branches	1883–1919	793	1,041½	.....	45	52,367	.....
Athabasca–Fort McMurray and branches	1914–1915	323	323	.....	7	.....	.....
British Columbia—							
Mainland	1899–1922	1,783½	3,191½	13½	416	142,053	156,823
Vancouver Island	1896–1914	1,266¾	1,513	89¼	163	111,025	106,802
Yukon—							
Ashcroft-Dawson Boundary and branches	1899–1916	3,207½	3,537¼	2¼	251	93,197	82,421
Queen Charlotte Island	1913–1914	113	113	.....	15	.....	.....
Total	.....	11,531	14,184¾	363	1,342	548,181	519,561

TELEGRAPH SYSTEMS OF THE DOMINION

As a matter of general interest, pursuant to the statement submitted last year the latest figures to hand showing the extent of telegraph lines in operation in the Dominion are as given hereunder:—

Canada	Length of Miles: Aerial	Length of Miles: Underground	Length of Miles: Submarine	Length of Miles: Total	Length of Conductors in Miles: Aerial	Length of Conductors in Miles: Underground	Length of Conductors in Miles: Submarine	Length of Conductors in Miles: Total	Number of Office
Canadian National Telegraphs	23,169	11	15	23,195	108,843	356·25	105·19	109,304·44	2,004
Government Telegraph Service	11,531	.....	363	11,894	14,184¾	.....	363	14,547¾	1,342
Canadian Pacific Telegraph	14,768	46	94	14,908	126,340	1,504	224	128,068	1,496

CONSTRUCTION

The Government Telegraph System now comprises 11,531 miles of pole line, 14,184¾ miles of wire, 363 knots of cable and 1,342 offices.

During the year, 166½ miles of new line was constructed as follows:—

	Miles.	Miles.
Yukon System—		
Vanderhoof Exchange extensions	4	
Canal Creek—Gang Ranch	12	
		16
British Columbia (Mainland)—		
Completion Lumby–Sugar Lake	17	
Mount Olie–Chu Chua	5½	
Slocan City—Hartley's Ranch	5	
Squilax–Sorrento	11	
Blind Bay–Eagle Bay	15	
Edgewood–Sand Creek	15	
Canal Flats–Wasa (under construction)	34	
		103½
Vancouver Lines—		
Squamish–Cheakamus	12	12
Saskatchewan—		
La Plonge Loop	35	
		35
		166½
The Carcross Branch line was abandoned	24	
Making the pole mileage for 1922-23 as follows:—		
Submitted 1921-22		11,388½
Plus: New construction		166½
		11,555
Less: Carcross Line abandoned		24
On March 31, 1923		11,531

The difference in wire mileage submitted for 1921-22, is accounted for by the addition of new construction as follows:—

	Miles.	Miles.
Wire mileage submitted 1921-22		14,038¼
Plus: New wires strung Yukon System	20	
" " Saskatchewan	35	
" " British Columbia mainland	103½	
" " Vancouver Lines	12	
		170½
		14,208¾
Less: Abandoned lines, Yukon		24
		14,184¾

The increase in cable total from 360¾ knots in 1921-22 to 363 knots for 1922-23 is due to the laying of a new cable 2¼ knots in length across Ootsa Lake, B.C.

New offices opened, six on the Escuminac. N.B., line, three on the Quebec County lines, thirty-three in British Columbia Mainland district, and two on the Yukon lines.

SESSIONAL PAPER No. 31

REVENUE AND EXPENDITURE

The revenue and expenditure for each of the Government lines in the several districts hereinbefore mentioned are given in the following table:—

EXPENDITURE 1922-23

Telegraph and Telephone lines	Construction improvements	Repairs	Staff and maintenance	Total	Revenue
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Cape Ray, Newfoundland (subsidy)	.....	.....	250 00	250 00	.....
Maritime Provinces—					
Bay of Fundy lines	.....	.....	4,377 82	4,377 82	1,622 57
Cape Breton lines	.....	.....	38,229 33	38,229 33	6,903 02
Chatham-Escuminac line	.....	.....	3,091 94	3,091 94	1,623 07
Quebec Mainland—					
Dorchester County lines	.....	.....	246 93	246 93	3 85
North Shore, east of Bersimis	.....	.....	42,300 82	42,300 82	13,409 85
North Shore, west of Bersimis	.....	.....	25,213 99	25,213 99	2,640 99
Quebec County lines	.....	.....	2,513 88	2,513 88	1,713 63
Temiskaming lines	.....	.....	3,624 70	3,624 70	666 19
Quebec Islands—					
Anticosti system	.....	.....	10,612 59	10,612 59	1,130 10
Cable ship *Tyrian*	.....	.....	82,898 74	82,898 74	1 76
Grosse Ile, Ile aux Coudres and Island of Orleans system	.....	.....	9,819 28	9,819 28	695 28
Magdalen Islands system	.....	.....	7,516 25	7,516 25	1,832 14
Maritime Provinces and Gulf generally	.....	.....	9,210 37	9,210 37	.....
Ontario—					
Pelee Island system	.....	.....	1,560 19	1,560 19	7 40
Saskatchewan and Alberta—					
Saskatchewan system	3,377 80	1,170 00	71,174 89	75,722 69	6,911 75
Alberta system	.....	1,980 24	107,524 20	109,504 44	20,246 76
British Columbia and Yukon—					
Ashcroft-Dawson system	2,302 72	.....	255,183 90	257,486 62	99,943 13
British Columbia Mainland system	35,944 29	.....	103,049 21	138,993 50	69,306 49
British Columbia-Vancouver Island system	6,273 06	.....	128,982 75	135,255 81	57,378 96
Telegraph service generally	.....	.....	1,458 73	1,458 73	
Stamp tax collected for Finance Dept.	.....	.....	.....	.....	3,215 72
Totals, telegraph and telephone lines	47,897 87	3,150 24	908,840 51	959,888 62	289,252 66

DEPARTMENTAL TELEPHONE SERVICE

Up to date of this report (April 1, 1923) the telephone connections with the central office of the Bell Telephone Company at Ottawa, listed as chargeable to the special appropriation, numbered 2,089, the annual charge for which amounts to $75,578.76. The connections are distributed amongst the several departments, as hereunder:—

Department	Number of Telephones				Total	Cost per Annum
	Office		Residence			
	Direct	Extn.	Direct	Extn.		
						$ cts.
Agriculture	46	50	7	3	106	3,865 64
Air Board	1	1			2	72 84
Air Board, Private Branch Exchange	30				30	909 00
Auditor General	15	12			27	1,044 60
Canadian Trade Commission	2				2	115 92
Chief Electoral Officer	1	5			6	102 60
Civil Service Commission	25	15	4	1	45	1,819 20
Conservation Commission	4	1	1	1	7	297 96
Customs	42	10	4		56	2,723 76
Dominion Archives	4	4	1	1	10	334 56
Exchequer Court	2	3			5	158 04
External Affairs	13	5	3	1	22	947 52
Finance	6	7	2	1	16	528 96
Finance, Income Tax, Private Branch Exchange	8				8	330 12
Finance, Private Branch Exchange	38				38	1,645 92
Government House	7	1	7	5	20	708 36
Government House, Private Branch Exchange	18				18	588 12
Government House, private line						161 64
Health	1				1	57 96
Health and Statistics, Private Branch Exchange	20				20	687 12
House of Commons	6	2	2		10	409 44
House of Commons and Senate, Private Branch Exchange	87				87	3,148 20
House of Commons and Senate Private Branch Exchange, Sessional	244				244	5,000 00
Immigration and Colonization	16	10	2	1	29	1,155 24
Indian Affairs	13	1	1	1	16	791 64
Industrial Research Council	2	1			3	133 80
Interior	134	43	3	1	181	8,663 72
Interior Soldiers' Settlement Board	17	10			27	1,140 12
Insurance			1		1	33 36
Justice	21	11	5		37	1,504 20
Labour	8	13	1	1	23	681 24
Library of Parliament			2	1	3	79 08
Marine and Fisheries	1	1	3	1	6	185 28
Marine and Naval, Private Branch Exchange	104				104	2,704 08
Militia and Defence	20	9	3	1	33	1,723 44
Militia and Defence Private Branch Exchange	194				194	5,693 64
Mines	26	11	1	1	39	1,727 40
Mines Private Branch Exchange	36				36	935 64
Naval	3	1	1		5	214 56
North West Territories	1	2			3	85 20
Patents	6	2	1		9	405 84
Patriotic Fund Committee	1	3			4	102 60
Post Office	44	9	5		58	2,830 80
Printing and Stationery	1	1			2	57 96
Printing and Stationery Private Branch Exchange	49				49	1,578 36
Privy Council	7	2	5		14	588 96
Public Works	61	24	5	1	91	4,018 92
Purchasing Commission Private Branch Exchange	12				12	570 48
Railways and Canals	24	10	7		41	1,966 68
Railway Commission	18	9	1		28	1,217 88
Royal Canadian Mounted Police	36	16	2	1	55	2,350 80
Secretary of State	15	5	2	1	23	1,029 60
Soldiers' Civil Re-establishment	3		3		6	271 44
Soldiers' Civil Re-establishment Private Branch Exchange	134				134	3,756 00
Supreme Court	5	3	1	1	10	385 68
Trade and Commerce	19	11	2	1	33	1,337 64
	1,651	324	88	26	2,089	75,578 76

NOTE.—In September, 1922, when the "Cut over" to the new system was effected, 964 direct lines were thrown on the eight different exchanges: Centre Block, Connaught, Farm, Governor Generals, Hunter, Museum, Printing and Woods.

SYSTEMS

NEWFOUNDLAND

The line from Port au Basque to Cape Ray continues to be operated as heretofore under an arrangement with the Anglo American Telegraph Company.

CAPE BRETON

The lines were maintained satisfactorily during the year, but traffic fell off somewhat owing to non-operation of coal mines and business depression.

BAY OF FUNDY

Both the telegraph and telephone circuits were maintained during the year. Some trouble was experienced clearing cable interruptions, owing to severe weather conditions.

ESCUMINAC

Service satisfactory with slightly increased receipts. Six new telephone subscribers were obtained.

MAGDALEN ISLANDS

Reorganization of the telephone service is under consideration by the department.

ANTICOSTI

This line has given continuous service throughout the year. The receipts were slightly less than for the previous year.

NORTH SHORE ST. LAWRENCE

The lines were operated regularly. There was no construction work beyond that by regular linemen.

QUARANTINE LINES

Receipts fell off a little due to interruptions of the cables and business depression.

QUEBEC COUNTY

There was a slight increase in receipts and an increase in telephone subscribers.

TEMISKAMING

Apart from the usual repairs nothing of importance is to be reported in the way of changes. The lines gave good service all the year. No new offices opened.

PELEE ISLAND

The cable connecting Pelee Island with the mainland has been interrupted since December, 1922, arrangements have been made for its repair.

SASKATCHEWAN

Uniform satisfactory service was given throughout the year.

ALBERTA

Severe storms and bush fires were experienced during the year but repairs were made with a miniumum of delay.

BRITISH COLUMBIA MAINLAND

Good service was given during the year. The following extensions were constructed:—

Lumby–Sugar Lake	17 Miles
Mt. Olie to Chu Chua	5½ "
Slocan City to Hartley's Ranch	6 "
Squilax to Sorrento	11 "
Blind Bay to Eagle Bay	15 "
Edgewood to Sand Creek	15 "
Canal Flats to Wasa (under construction)	34 "

VANCOUVER ISLAND

The operation of the various circuits was very satisfactory. Some trouble due to forest fires was experienced but repairs were promptly made.

YUKON SYSTEM

The operation of the lines was generally satisfactory. Severe forest fires being the chief cause of interruption. Repairs were quickly made. Submarine cable Francois Lake to South Bank, 2¼ knots, was laid during the year.

C.G.S. "TYRIAN"

Report of the operations of the ss.*Tyrian* during the past year, together with a list of the repairs effected and lengths of cable handled in each case.

1922

April 17 Sailed from Halifax for the Bay of Fundy.
19 Went in to Shelburne for shelter.
20 and 21, remained at anchor.
22 Arrived at Seal Cove, Grand Manan.
23 to 28. Repairing Gannet Rock cable.
30 Repairer Hay Island cable.

May 1 Towed ss. *Glencove* in to seal Cove.
Renewed a splice on the Big Wood Island shore.
2 and 3. Repairing White Head Island cable.
4 and 5. Repairing Duck Island cable.
6 and 7. At. Welchpool. Bad weather.
8 Took in water at East Port Maine.
9 to 11. Repairing Deer Island cable.
12 Cleared for Coffin Island, N.S.
13 Arrived and repaired Coffin Island cable.
14 Went to Wood Harbour, N.S.
15 Turning over cable to get at two core.
16 Laid cable to Forbes Point, N.S.
17 Arrived at Halifax, N.S.
22 Went in to dry dock.
23 Came out of dock.

June 3 Boilers cleaned and ready for sea.
5 Cleared for Scatari Island.
6 Arrived at Scatari.
7 Repaired Scatari Island cable and went to North Sydney.
8 Took in bunker coal at North Sydney.
9 Anchored in Pictou Harbour, N.S.
10 Went to Pictou Island.
16 Completed repair of Pictou Island cable.
17 Went to Bay St. Lawrence and landed coal for the station.
18 Went to North Sydney and took in fresh water.
19 Cleared for repair of St. Paul Island cable.
26 Completed repair and sailed for Halifax.
28 Arrived at Halifax.

July 1 and 2. Diverting Imperial cable from the lumber yard to the Northwest Arm, Halifax Harbour.
5 Received orders to repair Deer Island cable.
7 Sailed for Deer Island, N.B.
10 Arrived on cable ground and repaired cable.
14 Sailed for Halifax.
15 Arrived at Halifax.
17 Took in water.
18 Sailed for Port Hood Island.

1922		
July	20	Arrived at Port Hood, N.S.
	21	Repaired cable.
	22	Sailed for St. Paul Island.
	7	Completed repair of St. Paul Island cable.
	8	Sailed for repair of Bryon Island cable.
	10	Completed repair of Bryon Island cable.
	11	Arrived at North Sydney.
	12	Sailed for Halifax, N.S.
	13	Arrived at Halifax.
	15	Sailed for repair of Seal Island, N.S. cable.
	17	Arrived on cable ground.
	30	Completed repair. Sailed for Halifax.
Sept.	1	Arrived at Halifax.
	5	Started repair of Imperial cable off Halifax.
	13	Completed repair.
Oct.	5	Took in cable from the *Lexington*.
	17	Sailed for Gloucester Mass. to attend Fisherman's race.
	20	Arrived at Gloucester.
	28	After attending races sailed for Halifax.
	29	Arrived at Halifax.
Nov.	14	Sailed for repair of Half Moon Islands cable.
	17	Arrived at the Salvageese.
	18	Completed repair and moved over to Cape Negro Island.
	20	Completed repair Cape Negro Island and sailed for Halifax.
	22	Arrived at Halifax.
Dec.	5	Sailed for Grand Manan, N.B.
	8	Arrived at Barrington Passage and went to Woods Harbour.
	15	Went to Clarkes Harbour and repaired Hawk Inlet cable.
,	16	Went back to Woods Harbour, N.S.
	18	Went to Yarmouth, N.S., for supplies.
	19	Crossed over to Grand Manan.
	20	Went to Eastport, Maine, for water.
	27	Completed repair Meadow Brook-Whale Cove cable.
	30	Went to St. John, N.B.
1923		
Jan.	2	Took in water.
	5	Finished coaling and returned to Welchpool.
	10	Remained in port. Bad weather.
	11	Went to Flaggs Cove and repaired Nantucket Island cable.
	12	Went to Seal Cove..
	20	Completed repair of Kent Island—L. W. Island cable.
	21	Made attempt to repair White Head Island cable.
	22	Went to Eastport and took in water.
	24	Went to St. John, N.B.
	27	Finished coaling.
	28	Returned to Welchpool.
Feb	1	Sailed for Halifax.
	3	Arrived at Halifax.
Mar.	21	Took in 1·50 knots cable.
	25	Completed repaires to Bow Sheaves.
	30	Sailed for repair work in Bay of Fundy.

COLLECTION OF REVENUE

By E. T. Smith, Collector of Public Works Revenue

The revenue accrued was $294,188.92, being $8,330.85 more than for the previous year, while the collections amounted to $340,580.07. As there was a deficit of $115.38 in slide and boom dues and $6,856.55 in dock dues, this large increase is mainly accounted for by rents and sales.

SLIDES AND BOOMS

OTTAWA DISTRICT

The balance of dues outstanding prior to July 1, 1889, as taken over by this department, $56,805.65. The amount outstanding on dues accrued since that date, $8,145.35, remains unchanged since last reported.

ST. MAURICE DISTRICT

The amount outstanding, namely, 14,690.73, remains unchanged.

During the last year, regulations for this management were altered, namely, the calculation of tolls on the basis of the thousand feet board measure instead of by the number of sawlogs, as previously determined. The season of 1922 was an exceptionally successful year. Total dues accrued amounted to $80,921.16, cost of operation, $67,958.13.

NEWCASTLE DISTRICT

The dues accrued and collected amounted to $181.93, a decrease of $115.38 as against the year 1921-22.

GRAVING DOCKS

ESQUIMALT

The revenue was $21,041.60, being $9,615.63 less than for the preceding year. The dock was occupied for 95 days and the total tonnage of vessels docked was 149,827.

CHAMPLAIN

The revenue collected amounted to $53,491.25. The dock was used for 139 days by 11 vessels of 52,057 tonnage, three of which were Canadian Government vessels. During the winter of 1922-23, the dock was occupied by steamers *Narragansett, Cairndhu, Lord Strathcona,* schooner *G. T. D.* and three pontoons.

LORNE

The revenue was $32,600.25, being $987.14 less than for the previous year. The dock was used for 188 days by 17 vessels of 40,892 tons, five of which were Canadian Government vessels. During the winter of 1922-23, the dock was occupied by lightship *No. 20* and steamers *Polona* and *Alice.*

KINGSTON

The Collingwood Shipbuilding Company, Limited, the lessees, have paid the rental, namely, $5,000, to May 1, 1922.

SELKIRK REPAIR SLIP

The revenue was $3,203.90, being $663.90 more than for the preceding year. The slip was occupied for 77½ days by 29 vessels of 4,738 tons; of these, 10 were Canadian Government vessels which used the dock for 37 days.

RENTS AND SALES

The revenue accrued from rents and sales was $186,376.99, or $15,101.78 more than the previous year, and the collections were $232,718.14, or $146,496.90 greater. The accounts stand thus:—

Balance from previous years	$ 95,107 45	
Accrued to Mar. 31, 1923	186,376 99	
		$ 281,484 44
Collected	$ 232,718 14	
Written off	30,244 39	
Balance Mar. 31, 1923	18,521 91	
		$ 281,484 44

This increase of $146,496.90 is to a large extent accounted for by the rental paid for the Halifax Shipyards and the subsequent sale of same.

The amount written off, $30,244.39, is composed principally of an adjustment made in accounts of the Halifax Shipyards between the rental and sale of the property, and commissions deducted by rental agents and the upkeep of properties expropriated in Toronto and elsewhere.

Of the amounts apparently uncollected, namely, $18,521.91, a large percentage of this balance come to this department from the Inland Revenue Department in 1909, and a considerable portion of the remaining amount has been collected since the close of the financial year.

The following is a summary of rents and sales collected from public properties during the year ended March 31, 1923:—

Hydraulic and other rents	$ 3,466 50
Minor Public Works	26 00
Victoria and Esquimalt, B.C.	1,835 00
Wellington street, Ottawa	24,653 63
Egan Block, Ottawa	410 08
Sussex street, Ottawa	2,644 00
Toronto post office site	14,446 44
Public building sites generally	43,304 04
Sundry rents	47,132 45
Sales and interest	94,800 00
	$ 232,718 14

FERRIES

The balance outstanding on March 31, 1922, was $1,898.62. During the year the dues accrued amounted to $2,293, and the amount collected, $2,343, leaving the old balances which accrued before these accounts were transferred to this department.

COMPARATIVE Table of Public Works Revenue accrued during the year ended March 31, 1923, compared with that of the fiscal year ended March 31 1922, and of amounts collected on account of same.

	Year ended Mar. 31, 1923	Year ended Mar. 31, 1922	Increase 1923	Decrease 1923
Slides and Booms—	$ cts.	$ cts.	$ cts.	$ cts.
Newcastle District	181 93	297 31		115 38
Graving Docks—				
Esquimalt, B.C.	21,041 60	30,657 23		9,615 63
Kingston, Ont	5,000 00	5,000 00		
Levis, Que., Champlain	43,491 25	40,408 93	3,082 32	
Levis, Que., Lorne	32,600 25	33,587 39		987 14
Selkirk Repair Slip	3,203 90	2,540 00	663 90	
Net Decrease $6,856.55	105,337 00	112,193 55	3,746 22	10,602 77
Ferries	2,293 00	2,092 00	201 00	
Rents and Sales—				
Hydraulic Rents	3,454 00	3,459 00		5 00
Minor Public Works	26 00	26 00		
Other Public Properties	182,896 99	167,790 21	15,106 78	
Net increase, $15,101.78	186,376 99	171,275 21	15,106 78	5 00
Total Accrued—				
Slides and Booms	181 93	297 31		115 38
Graving Docks	105,337 00	112,193 35	112,193 55	6,856 55
Ferries	2,293 00	2,092 00	201 00	
Rents and Sales	186,376 99	171,275 21	15,101 78	
Net Increase, $8,330.85	294,188 92	285,858 07	15,302 78	6,971 93
Total Collected—				
Slides and Booms	181 93	297 31		115 38
Graving Docks	105,337 00	112,193 55		6,856 55
Ferries	2,343 00	2,093 00	250 00	
Rents and Sales	232,718 14	86,221 24	146,496 90	
Net Increase, $139,774.97	340,580 07	200,805 10	146,746 90	6,971 93

THE DRY DOCK AT ESQUIMALT, B.C.

STATEMENT of Dues and other charges collected during the year ending March 31, 1923.

Name of Vessel Docked	Tonnage	Period of Dockage		Dockage Charges	Other Charges	Total
		From	To			
		1922		$ cts.	$ cts.	$ cts.
SS. "Canora"	2,383	April 25..	May 2..	925 96	19 20	945 16
SS. "Canadian Highlander"	5,469	May 3..	" 6..	848 14	24 00	872 14
SS. "Princess Charlotte"	3,844	" 11..	" 13..	584 40	11 40	595 80
SS. "Canadian Britisher"	5,469	" 16..	" 17..	473 45	27 00	500 45
SS. "Princess Louise"	4,042	" 18	" 19	402 10	8 40	410 50
SS. "El Lobo"	4,800	" 27..	" 29..	440 00	15 00	455 00
SS. "City of Vancouver"	5,697	" 30	June 3..	861 82	4 80	866 62
SS. "Canadian Prospector"	.....	.....	.....	200 00	.....	200 00
SS. "Princess Charlotte."	3,844	July 6..	Juyl 7..	200 00	.....	200 00
SS. "Canadian Traveller"	5,492	" 14..	" 17..	749 20	5 40	754 60
SS. "Canadian Winner"	5,492	" 20..	" 21..	200 00	26 40	226 40
SS. "Princess Charlotte"	3,844	" 24..	" 24..	200 00	.....	200 00
SS. "Princess Adelaide"	3,060	Aug. 11..	Aug. 11..	200 00	16 20	216 20
SS. "Canadian Scottish"	5,333	" 14..	" 15..	733 30	22 20	755 50
SS. "Canadian Transporter"	5,492	" 31..	Sept. 2..	749 20	4 20	753 40
SS. "El Lobo"	4,800	Sept. 8..	" 9..	1,135 00	8 40	1,143 40
SS. "Princess Victoria"	1,943	" 11..	" 12..	200 00	2 40	202 40
SS. "Margaret Coughlin"	5,825	" 15..	" 16..	782 50	12 00	794 50
SS. "Sheaf Mead"	4,273	" 20..	" 22..	627 30	6 00	633 30
SS. "Canadian Highlander"	5,469	Oct. 16..	Oct. 21..	997 52	27 00	1,024 52
SS. "Princess Louise"	4,032	" 23..	" 24..	401 60	13 20	414 80
SS. "Santa Maria"	8,429	Nov. 4..	Nov. 6..	871 45	36 00	907 45
SS. "Grace Dollar"	6,498	" 6..	" 8..	524 90	48 00	572 90
SS. "City of Victoria"	5,698	Dec. 4..	Dec. 6..	553.96	8.40	562 36
SS. "Hallgyn"	6,672	" 6..	" 8..	533 60	16 80	550 40
SS. "Princess Adelaide"	3,060	" 9..	" 10..	200 00	8 40	208 40
		1923				
SS. "Canadian Transporter"	5,492	Jan. 17..	Jan. 23..	949 20	46 80	996 00
SS. "Princess Adelaide"	3,060	Feb. 14..	Feb. 14..	200 00	13 80	213 80
SS. "Princess Alice"	3,099	" 15..	Mar. 6..	1,929 70	214 20	2,143 90
SS. "Princess Charlotte"	3,844	Mar. 7..	" 9..	392 20	25 00	417 20
SS. "Canadian Britisher"	5,469	" 10..	" 13..	746 90	28 00	774 90
SS. "Coolcha"	2,403	" 13..	" 17..	667 00	144 40	811 40
SS. "Canadian Inventor"	5,500	" 20..	" 23..	700 00	18 20	718 20
	149,827	.....	.....	20,180 40	861 20	21,041 60

SESSIONAL PAPER No. 31

THE LORNE DRY DOCK AT LEVIS, P.Q.

STATEMENT of Dues and other charges collected during the year ending March 31, 1923.

Name of Vessel Docked	Tonnage	Period of Dockage		Dockage Charges	Other Charges	Total
		From	To			
		1922		$ cts.	$ cts.	$ cts.
SS. "John S. Thom"	1,440	Wintering		1,000 00		1,000 00
Q.H.C. Floating crane	590	"		700 00		700 00
SS. "Bibster"	4,556	April 29	May 15	4,132 50		4,132 50
SS. "Airdale"	3,044	July 8	July 23	3,055 00		3,055 00
SS. "North Shore"	804	May 16	May 20	420 00		420 00
SS. "North Shore"	804	Aug. 8	Aug. 13	420 00		420 00
SS. "Chicoutimi"	150	July 26	July 31	400 00		400 00
SS. "Gopher"	198	July 31	Aug. 8	580 00		580 00
SS. "Sarmatia"	2,275	July 14	Aug. 30	2,398 75		2,398 75
SS. "Druid"	503	May 20	May 29	580 00		580 00
SS. "Montcalm"	1,432	June 2	July 7	3,870 00		3,870 00
SS. "Lady Grey"	733	June 2	July 7	2,580 00		2,580 00
SS. "Indochine"	3,873	Aug. 30	Sept. 8	1,785 00		1,785 00
SS. "Baluchistan"	3,995	Sept. 18	Sept. 23	1,314 90	6 70	1,321 60
SS. "Wisley"	4,399	Sept. 23	Sept. 27	1,147 50		1,147 50
Dredge "International"	458	May 20	May 29	580 00		580 00
"Canadian Leader"	5,300	Sept. 30	Oct. 1	928 00	5 40	933 40
SS. "Mapleton"	1,782	Oct. 3	" 14	1,394 00		1,394 00
SS. "Essex County"	4,556	Oct. 20	Nov. 8	4,702 50		4,702 50
SS. "Gaspesia"		Entry fee.		200 00		200 00
SS. "Savoy."		"		200 00		200 00
SS. "Canadian Commander"		"		200 00		200 00
	40,892			32,588 15	12 10	32,600 25

THE CHAMPLAIN DRY DOCK AT LEVIS, P.Q.

STATEMENT of Dues and other charges collected during the year ending March 31, 1923.

Name of Vessel Docked	Tonnage	Period of Dockage		Dockage Charges	Other Charges	Total
		From	To			
	1922	1922		$ cts.	$ cts.	$ cts.
SS. "Glenellah"	2,272	Wintering	.....	1,572 00	53 50	1,625 50
SS. "A. E. McKinstry"	1,964	"	.....	1,300 00	45 25	1,345 25
SS. "Narragansett"	3,539	"	.....	2,839 00	.....	2,839 00
SS. "Bellechasse"	416	"	.....	600 00	16 50	616 50
SS. "Eureka"	170	"	.....	600 00	1 50	601 50
SS. "Rouville"	301	"	.....	600 00	.....	600 00
SS. "Brumath	1,141	May 4..	May 8..	286 00	.....	286 00
SS. "Montcalm"	15,000	June 7..	June 24..	10,695 00	594 00	11,289 00
SS. "Cartier"	556	April 19..	April 28..	660 00	.....	660 00
SS. "Mapledawn"	2,404	June 30..	July 15..	2,232 50	16 25	2,248 75
SS. "Etna"	.....	Entry fee.	.....	200 00	.....	200 00
SS. "Canadian Spinner"	5,758	Aug. 9..	Aug. 11..	1,097 50	.....	1,097 50
SS. "Eureka"	.....	Entry fee.	.....	200 00	.....	200 00
SS. "Manchester Corporation"	5,397	Aug. 13..	Aug. 30..	4,532 50	21 00	4,553 50
SS. "Orthia"	4,225	July 20..	Aug. 1..	1,912 50	32 75	1,945 25
SS. "Rapids Prince"	1,384	Sept. 20..	Nov. 4..	3,978 00	1 50	3,979 50
SS. "Rapids King"	1,801	Sept. 20..	Nov. 4..	2,470 00	18 00	2,488 00
SS. "Montreal"	4,282	Sept. 23..	Oct. 11..	3,442 50	9 00	3,451 50
SS. "Savoy"	348	Oct. 11..	Oct. 20..	660 00	3 00	663 00
SS. "Narragansett"	.....	Entry fee	.....	200 00	.....	200 00
Dredge "International"	458	Wintering	.....	600 00	.....	600 00
SS. "Progress"	476	"	.....	600 00	.....	600 00
SS. "Witherbee"	165	"	.....	600 00	1 50	601 50
SS. "Cairndhu"	.....	Entry fee.	.....	200 00	.....	200 00
SS. "Lord Strathcona"	.....	"	.....	200 00	.....	200 00
Schooner G.T.D	.....	"	.....	200 00	.....	200 00
SS. "Wisely"	.....	"	.....	200 00	.....	200 00
	52,057	.....	.....	42,677 50	813 75	43,491 25

THE REPAIR SLIP AT SELKIRK, MAN.

STATEMENT of Dues and other charges collected during the year ending **March 31, 1923.**

Name of Vessel Docked	Tonnage	Period of Dockage		Dockage Charges	Other Charges	Total
		From	To			
		1922	1922	$ cts.	$ cts.	$ cts.
Dredge No. 201	442	May 5..	May 5..	88 40	.....	88 40
SS. "Wolverine"	278	" 11..	" 11..	55 60	.....	55 60
SS. "Lady of the Lake"	201	" 13..	" 17..	80 00	.....	80 00
SS. "Luana"	.....	" 13..	" 17..	60 00	.....	60 00
SS. "Grand Rapids"	438	" 17..	" 22..	219 00	.....	219 00
SS. "Roddy S."	56	" 22..	" 25..	60 00	.....	60 00
SS. "Amisk"	32	" 25..	" 26..	50 00	.....	50 00
Coal Barge M. I	.....	June 2..	June 6..	90 00	.....	90 00
Dredge No. 202	233	" 8..	" 17..	190 00	.....	190 00
SS. "Grand Rapids"	438	July 7..	July 7..	87 60	.....	87 60
SS. "Carberry"	64	" 10..	" 11..	50 00	.....	50 00
SS. "Victor"	26	" 12..	" 13..	50 00	.....	50 00
Mud scows 203-204	.....	" 12..	" 15..	90 00	.....	90 00
SS. "Rocket"	56	" 21..	" 24..	70 00	.....	70 00
Barge No. 6	491	" 24..	" 28..	245 50	.....	245 50
SS. "Lady of the Lake"	201	Aug. 9..	Aug. 12..	90 00	.....	90 00
SS. "Goldfield"	56	" 9..	" 16..	150 00	.....	150 00
SS. "Bradbury"	476	" 18..	Sept. 1..	618 80	.....	618 80
SS. "J. H. Montgomery"	76	Sept. 1..	" 5..	90 00	.....	90 00
Dredge No. 204	233	" 8..	" 15..	150 00	.....	150 00
Barge "Alexandra"	.....	" 16..	" 18..	50 00	.....	50 00
SS. "Idell"	54	" 22..	" 22..	50 00	.....	50 00
SS. "Grand Rapids"	438	Oct. 3..	Oct. 7..	219 00	.....	219 00
Coal Barge M. 3	.....	" 11..	" 12..	50 00	.....	50 00
SS. "Tempest"	75	" 19..	" 20..	50 00	.....	50 00
SS. "Carberry"	64	" 24..	" 25..	50 00	.....	50 00
Dredge No. 205	245	" 26..	" 26..	50 00	.....	50 00
Tug "Friday"	39	" 26..	" 26	50 00	.....	50 00
Tug "Parkdale"	26	" 26..	" 26..	50 00	.....	50 00
	4,738	.....	.....	3,203 90	.....	3,203 90

STATEMENT OF FERRY DUES COLLECTED DURING THE YEAR ENDED MARCH 31, 1923

Ferries	Balance July 22, 1918	Balance Mar. 31, 1922	Accrued during the year	In return for:		Deposited to credit Receiver General	Balance Mar. 31, 1923
	$ cts.	$ cts.	$ cts.			$ cts.	$ cts.
Hull	1,736 79						1,736 79
St. Clair Station and Lot Kent	45 83						45 83
St. Leonard and Van Buren	30 00						30 00
Edmunston and Maine	20 00						20 00
Pembroke and Allumette	1 00						1 00
Buckingham and Cumberland	15 00						15 00
Rockliffe and Gatineau Pointe			1,600 00	May	1922	800 00	
				Nov.	1922	800 00	
Walpole Island and Algonac Mich			1 00	Mar.	1923	1 00	
Fort Erie and Buffalo		50 00	50 00	June	1922	50 00	
				Feb.	1923	50 00	
Sault Ste. Marie			100 00	April	1922	100 00	
Calumet and L'Orignal			50 00	April	1922	25 00	
				Mar.	1923	25 00	
Fitzroy and Onslow			5 00	June	1922	5 00	
Brockville and Morristown			1 00	June	1922	1 00	
Sand Point and Norway Bay			5 00	June	1922	5 00	
Buffalo and Point Abinot			50 00	June	1922	50 00	
Fassett and St. Thomas d'Alfred			10 00	June	1922	10 00	
Pembroke and Allumette			130 00	June	1922	130 00	
Campbellton and Cross Point			10 00	June	1922	10 00	
Niagara and Youngstown			40 00	Nov.	1922	40 00	
Prescott and Ogdensburg			1 00	June	1922	1 00	
Port Lambton and Roberts Landing			1 00	Feb.	1923	1 00	
La Passe and Fort Colonge			204 00	April	1922	204 00	
Montebello and Alfred			10 00	May	1922	10 00	
Morrisburg and Waddington, N.Y.			25 00	July	1922	25 00	
	1,848 62	50 00	2,293 00			2,343 00	1,848 62

REPORT OF THE ACCOUNTS BRANCH

By A. G. Kingston, Chief Accountant

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia									
Amherst, Drill hall, grading, etc	5,056 35								5,056 35
Amherst, new post office (site)	153 76								153 76
" post office, etc		1,674 74		871 50	670 44	601 69	17 51		3,835 88
Annapolis, post office, etc		654 60		1,585 77	501 60	224 84	40 00		3,006 81
Antigonish, post office, etc		78 30		891 00	601 09	260 45			1,830 84
Arichat, post office, etc		5 56		208 99	270 50	108 40			593 45
Baddeck, post office	882 27	389 00		1,138 40	413 75	127 50			2,950 92
Bridgewater, post office, etc		940 06		886 01	372 57	272 65	34 56		2,505 85
Canso, post office	1,115 12	63 94		864 10	487 05	516 05	10 00		3,056 26
Clark's, Harbour, post office, etc		1,399 44	66 65						1,466 09
Dartmouth, armoury		175 29	75 00				15 00		265 29
" post office		189 15		890 80	718 99	595 20	40 00		2,434 14
Digby, post Office		248 84		849 84	400 42	685 34	80 00		2,264 44
" Fisheries Inspector's office Warne Building			150 00						150 00
Glace Bay, post office		1,130 19		1,126 70	592 25	319 28	55 00		3,223 42
Guysborough, post office		123 71		438 81	421 50	145 50	13 75		1,143 27
Halifax, Archives office, etc. (Bellevue Bldg)	2,076 13	700 73	234 57	2,242 11	2,360 32	1,286 83	2 52		8,903 21
" custom house, etc	2,601 40	218 31		7,225 22	2,949 69	539 02	642 35	99 15	14,275 14
" Dominion Analyst (51 Bedford Row)		51 75	1,012 50						1,064 25
" Eastern Trust Bldg. Taxation office		97 50	28 98						126 48
" examining warehouse, etc				1,087 37		98 86			1,186 23
" Fisheries office (Heslin Block)		144 24	919 80						1,064 04
" immigration building					522 50		34 28		556 78
" " office, pier No. 2		728 44							728 44
" post office, etc	7,363 28	701 05		9,441 49	2,234 75	2,838 29	622 13	469 36	23,670 35
" " North End (site)							44 58		44 58
" quarantine station (Lawler's Isld.)	14,536 64	318 13			1,594 46				16,449 23
" "Rockhead" quarantine hospital		216 70			1,072 50	101 80	12 15		1,403 15
" Weights and Measures office, 229 Hollis St.		31 50	855 00	48 00	80 00				1,014 50

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—Concluded									
Halifax, Generally		408 31							408 31
Inverness, post office		211 43		826 15	550 40	330 75	75 00		1,993 73
Kentville, experimental farm	2,065 27				628 24	147 78			2,841 29
" post office, etc		394 76		996 85	485 40	376 99	25 00		2,279 00
Liverpool, post office, etc		1,004 77		905 10	412 50	273 85	18 00		2,614 22
Lunenburg, post office		86 90		770 69	480 72	295 84	59 00		1,693 15
Nappan, experimental farm	2,353 96				165 50	238 31			2,757 77
New Glasgow, post office, etc		770 83		813 90	555 00	712 16	100 00		2,951 89
North Sydney, immigration building		55 15			175 00	33 38			263 53
" Master and Mates office			165 00						165 00
" Naval Air Station	11,183 00	100 70		1,848 00	36 25	21 65			13,189 60
" post office		1,225 99		959 80	596 77	575 74			3,358 30
Parrsboro, post office		413 32		890 03	561 05	349 97	52 00		2,266 37
Pictou, customs house, etc		266 39		328 16	149 32	28 23	11 56		783 66
" post office		240 70		384 20	801 12	190 88	21 57		1,638 47
Shelburne, post office, etc		119 78		847 10	410 40	272 36	10 00		1,659 64
Springhill, post office, etc		942 29		837 85	573 61	272 24	30 00		2,655 99
Stellarton, Dept. National Defence			70 00						70 00
" post office	211 00		577 50			0 83			789 33
Sydney, Mar. and Fish. Office (Post Bldg.)		22 00	943 00						965 00
" post office, etc		1,770 03		1,024 80	718 87	556 48	96 43		4,166 61
" quarantine station					195 00				195 00
Sydney Mines, Dept. National Defence			350 00						350 00
" post office, etc		1,015 45	200 00	539 84	10 00	439 08	30 00		2,234 37
Trenton, post office		117 00	400 00		206 05	34 33			757 38
Truro, Agriculture Dept. Seed and food office		21 50	450 00						471 50
" post office		677 02		827 48	1,019 78	694 56	32 00		3,250 84
" post office (Bent House)	221 82								221 82
Westville, post office		75 08		788 05	338 80	292 88	12 50		1,507 31
Weymouth, armoury			270 00						270 00
" post office			120 00						120 00
Windsor, post office, etc		468 60		819 95	528 36	405 99	25 00		2,247 90
Wolfville, post office		387 42		882 60	513 00	276 51	41 00		2,100 53
Yarmouth, armoury		282 00	300 00						582 00
" post office	1,203 58		300 00	1,033 39	795 25	941 90	72 00		4,345 12

Minor offices throughout the province	827 35	797 79				0 60			1,625 74
Nova Scotia, generally						2,907 34			2,907 34
Total, Nova Scotia	51,850 93	22,156 38	7,488 00	46,120 05	27,170 77	19,392 33	2,374 89	568 51	177,121 86
Prince Edward Island									
Charlottetown, customs house, etc		207 71	84 00	1,271 12	652 56	47 32	34 00		2,296 71
" experimental farm	1,294 51				625 14	178 95		45 47	2,144 07
" post office, etc	3,039 40	282 46		2,694 22	1,648 07	1,830 15	168 75		9,663 05
" Prowse Block Supt. of Dredges office			112 50			16 46			128 96
" Pub. Works office (Clerk of works res.)			192 00			9 99			201 99
" Riley Bldg. Inspector of customs office		34 00		18 00					52 00
Georgetown, post office, etc		483 72		260 85	664 66	77 75			1,486 98
Keppock, quarantine station		1,391 37			220 83				1,612 20
Montague, post office, etc		347 65		451 32	310 34	56 55			1,165 86
Port Borden, Master and Mates office			93 75						93 75
Souris, post office, etc		514 20		1,320 00	349 50	1 50			2,185 20
Summerside, post office, etc		611 08		995 55	939 67	641 20	78 49		3,265 99
Tignish, post office		554 26	1 00	938 80	31 25	387 69			1,913 00
Minor offices throughout the Province	413 69	29 25							442 94
Generally, Prince Edward Island				0 58		560 65			561 23
Totals, Prince Edward Island	4,747 60	4,455 70	483 25	7,950 44	5,442 02	3,808 21	281 24	45 47	27,213 93
New Brunswick									
Bathurst, post office, etc		46 73		834 75	512 87	170 62			1,564 97
Campbellton, post office, etc		232 24		866 61	733 72	486 60	39 00		2,358 17
Campobello, fisheries office			90 00						90 00
Chatham, quarantine station	675 00				219 30				894 30
" post office		184 74		818 68	508 43	344 00	30 00		1,885 85
Dalhousie, post office, etc		0 40		775 85	363 62	154 43	26 00		1,320 30
Edmundston, Dept. of National Defence			900 00						900 00
" immigration office			55 00						55 00
" post office			300 00						300 00
Fairville, post office		294 81		850 23	267 48	95 81	17 10		1,525 43
Fredericton, customs house (old post office)		232 57		952 76	806 82	229 10	40 02		2,261 27
" Dept. Soldiers Civil Re-establishment				1,418 71	40 90	63 38			1,522 99
" Experimental farm	1,471 91				593 72				2,065 63
" post office, etc		609 42		1,449 92	1,528 15	1,042 86	42 55		4,672 90
Grand Falls, post office		261 17		871 26	350 09	175 62	33 00		1,691 14
Hampton, post office (Ossekeag)		140 29	25 00	822 32	286 94	107 48			1,382 03
Hartland, post office, etc		56 15		654 95	366 60	149 16	30 00		1,256 86
Hillsborough, post office, etc		48 40		793 64	136 75	143 55			1,122 34

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
New Brunswick—Concluded									
Marysville, Dept. National Defence			180 00						180 00
" post office		32 78	40 00	177 86	282 89	74 52	12 00		620 05
Milltown, Labour Dept			200 00						200 00
" post office, etc		12 00		845 91	390 93	246 19	34 60		1,529 63
Moncton, armoury			1,666 67						1,666 67
" examining warehouse		12 50	1,800 00		72 00	11 40			1,895 90
" post office		1,411 25		1,076 03	144 50	681 76	67 00		3,380 54
" " (additional)			900 00		956 00	322 51			2,178 51
Newcastle, post office, etc		235 91		898 55	779 13	535 05			2,448 64
Richibucto, post office		313 26		816 30	303 10	205 86			1,638 52
St. John, armoury (Caverhill Hall)	2,114 00		500 00						2,614 00
" customs house, etc	3,181 28	1,023 59	183 68	7,316 74	2,177 48	664 64	421 37	174 75	15,143 53
" immigration building		2,360 73	2,180 32		3,200 85	384 52	547 00		8,673 42
" Lancaster military hospital		88 00							88 00
" post office, etc. (old) Marine Public works		541 56		3,771 99	1,138 10	554 53	327 65		6,333 83
" post office (new)		1,940 68		10,542 99	2,021 61	1,785 56	369 79	859 30	17,519 93
" Pacific Dairies Bldg. Dept. Soldiers Civil Re-establishment			1,210 00						1,210 00
" quarantine station (Partridge Isld.)	34,905 32	1,059 93			5,827 74		3,889 35		45,682 34
" Railway station mail room			38 47						38 47
" savings bank	927 21	297 05		954 20	460 77	179 08	89 98		2,908 29
St. John West, immigration building		72 84							72 84
" post office		130 00		415 33	535 30	246 61	9 97		1,337 21
" Generally		20 25		35 10		1 00			56 35
St. Stephen, immigration office			150 08		123 75				273 83
" post office, etc		67 45		796 10	687 50	226 13	77 42		1,854 60
Sackville, Dept. National Defence			275 00						275 00
Sussex, post office, etc	9 20	75 62	—	781 68	418 83	168 03	29 00		1,482 36
Tracadie, Lazaretto	5,436 77	237 40		1,996 05	2,026 55	14 70			9,711 47
Woodstock, post office, etc		256 91		863 84	423 46	492 42	45 12		2,081 75
Minor offices throughout the Province	827 35	482 40							1,309 75
Generally						608 98			608 98
Totals, New Brunswick	49,548 04	12,779 03	10,694 22	42,398 35	28,685 88	10,566 10	6,177 92	1,034 05	161,883 59

Quebec									
Acton-Vale, post office		87 50		925 83	374 98	132 78	21 00		1,542 09
Armstrong, customs and immigration building					90 00				90 00
Arthabaska, post office		68 36		941 09	427 89	149 84	50 00		1,637 18
Asbestos, post office	1,301 49	420 30	150 00			1 13			1,872 92
Aylmer, post office		43 20		136 89	96 00	391 91	45 75		713 75
Beauharnois, post office		4 87	228 75	1 56	140 54	50 70			426 42
Bedford, post office		18 85	150 00						168 85
Berthierville, post office		18 43		134 56	357 50	57 11			567 60
Black-Lake, post office			124 01						124 01
Brownsburg, post office			91 63						91 63
Buckingham, post office		1,378 92		246 32	384 81	164 76	83 70		2,258 51
Cap Rouge, experimental farm	5,959 37				1,073 08				7,032 45
Chicoutimi, post office, etc		498 81		939 82	602 77	786 99	75 00		2,903 39
Coaticook, post office, etc		387 48		908 44	584 38	193 14	55 00		2,128 44
Compton, post office		6 35	82 50						88 85
Cookshire, post office		327 03		808 50	388 68	177 07	20 00		1,721 28
D'Israeli, post office		26 33	157 50						183 83
Drummondville, post office, etc		153 50		885 90	500 17	143 03			1,682 60
Dundee, customs house		716 79		29 79	43 40	63 60			844 58
East-Angus, post office		57 50		927 95	389 10	299 10	47 25		1,720 90
Farnham, experimental farm	385 86				150 92				536 78
" post office		438 67		856 78	393 36	104 05	31 50		1,824 36
Fraserville, armoury			180 00						180 00
" post office, etc		93 13	225 00	794 11	427 50	53 90	100 00		1,693 64
Gaspe, post office		218 83	393 75	17 20	127 50	216 53			973 81
Granby, armoury		298 50	300 00						598 50
" post office		265 95	150 00	978 75	634 81	428 16	150 00		2,607 67
Grand-Mère, post office		740 25	111 92			0 97			853 14
Gross-Isle, quarantine station		7,200 92			11,219 07				18,419 99
Hemmingford, immigration office		97 79	290 00						387 79
Hull, armoury	928 66		1,200 00						2,128 66
" post office		811 13		174 87	127 35	211 60	387 56		1,712 51
" research laboratory	6,500 00	16 22			586 50				7,102 72
Huntingdon, post office			581 25						581 25
Iberville, post office				583 91	379 16	36 85	38 00		1,037 92
Joliette, armoury						0 83			0 83
" post office, etc		319 08		1,011 49	459 10	230 86	113 00		2,133 53
Jonquières, post office				813 85	356 11	188 15	24 96		1,383 07
Knowlton, post office, etc		39 26		292 04	631 03	215 76	21 00		1,199 09
Lachine, post office		39 97		149 96	695 51	129 66	64 21		1,079 31
Lachute, armoury		263 00	180 00						443 00
" post office		178 94	40 00	864 34	377 77	373 30	37 50		1,871 85
Lacolle, immigration office		51 47			98 00				149 47
La Ferme, experimental farm	4,299 99				590 50				4,890 49
Laprairie, post office		81 92		170 70	351 15	113 42	45 00		762 19
L'Assomption, post office		3 15		323 21	374 23	45 43			746 02
Lennoxville, experimental farm	4,313 78				1,071 33	172 37			5,557 48
Levis, post office, etc		408 47		1,313 63	825 76	252 56	348 00		3,148 42

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued									
Longueuil, post office		56 40		795 60	374 44	57 01	62 70		1,346 15
Loretteville, post office	74 50	9 68	275 00			21 85			381 03
Louiseville, post office		192 79		945 40	356 57	315 00	25 00		1,834 76
Magog, post office, etc	2,052 90	2 25		937 69	478 67	88 98	58 92		3,619 41
Marieville, post office		15 26		866 95	515 83	72 81	34 00		1,504 85
Matane, post office		31 45		854 35	430 54		125 00		1,441 34
Mégantic, post office		94 84		892 42	264 72	353 35	67 00		1,672 33
Mont Joli, post office		19 50	180 00	5 50	160 00	79 90			444 90
Montmagny, post office, etc	200 00	991 49		810 19	470 29	158 50	25 00		2,655 47
Montréal, armoury (41 Cathcart St.)			105 00						105 00
" " (91 Stanley St.)		38 40	4,500 00						4,538 40
" Ames, Holden B., Railways and Canals and Soldiers Civil Re-establishment		113 88	18,416 09	2 40	637 01	988 81	938 00	424 15	21,520 34
" Bonaventure station, mail room		44 50	108 00						152 50
" (Coristine Bldg.) Trade and Commerce		13 00	779 12						792 12
" customs house, etc		3,914 97	64 08	42 45	2,559 55	635 91	666 39		7,883 35
" " (Canal office)		58 05	—.		41 64	13 45			113 14
" Dept. National Defence (23 Jeanne Mance St.)		64 55	3,312 21				26 98		3,403 74
" Dept. S.C.R. (148 McTavish St.)		200 00							200 00
" examining warehouse (new)	6,629 22	554 08		73 07	12,106 27	3,365 48	4,074 00	2,786 38	29,588 50
" " (old)	4,548 56	47 76	38 24	352 13	7,781 44	1,177 88	1,446 92	542 58	15,935 51
" forest products laboratory		22 10			1,115 21	969 82	316 73	1,764 67	4,188 53
" immigration building	2,057 82				3,674 11	666 11	665 52	136 59	7,200 15
" " " (353-355 Craig St.)	304 29								304 29
" inland revenue building		267 90	165 12	2 27	643 97	59 10	232 80	117 37	1,488 53
" (La Sauvegarde) Signal Service		50 00	277 08						327 08
" ordnance stores	42,970 33	751 83							43,722 16
" Outremont, armoury			320 00						320 00
" Place-Viger Station, mail room			184 50	3 50					188 00
" post office (Main)	16,824 48	3,077 30	255 97	728 21	7,617 78	8,883 01	6,723 95	4,462 37	48,573 07
" postal station "A", etc	4,814 26	130 28	3 24	8 18	2,264 32	455 57	320 10	656 31	8,652 26
" " "B"	4,148 15	21 05		127 22	1,411 79	335 82	698 40		6,742 43
" " "C"		1,064 68	30 58	0 93	1,535 56	240 98	1,068 26		3,940 99
" " "D"		377 97		3 00	1,248 57	187 72	188 29		2,005 55

Montreal, postal station "E"		184 48		4 03	730 75	163 98	84 70		1,167 94
" " "F"	474 93	792 16	11 40	21 42	1,450 76	224 60	192 18		3,167 45
" " "G"	4,593 11		1,750 00	5 25		5 40			6,353 76
" " "H", etc	1,487 07	1,610 35	75 28	20 47	3,341 48	844 20	1,511 54	2,386 89	11,277 28
" " "L"		1,802 21	79 17	2 32	1,054 48	216 36	167 92		3,322 46
" " "M"		12 60	580 00	1 65	385 94	35 90	24 00		1,040 09
" " "N"		166 59	10,032 90			107 54	407 40		10,714 43
" " "O"		48 37			776 23	114 94	17 81		957 35
" " "R" St.-Denis Ward		104 95	900 00	3 53	165 51	96 90	13 65		1,284 54
" " "S"		496 59			837 13	69 26	87 30		1,490 28
" " Delorimier Ave		97 17	1,173 30	0 90	2 88	49 80	58 20		1,382 25
" " Hochelaga		471 51		3 62	343 04	103 42	139 68		1,061 27
" " Notre Dame-de-Grace		58 72	2,200 00	1 28		44 18	93 12		2,397 30
" " Outremont		36 33	2,478 63			66 22	23 40		2,604 58
" " Ste.-Cunegonde		3 50	1,312 50						1,316 00
" " St.-Henri		705 30		5 70	603 63	196 70	94 55		1,605 88
" " Verdun		32 31	945 00			12 12	103 95		1,093 38
" Prince of Wales, armoury))		589 68	11,626 00						12,215 68
" (Shaughnessey Bldg.) taxation office, etc	2,914 11	564 07	19,069 25			714 67	1,018 50		24,280 60
" Verdun, armoury			1,000 00	1 50					1,001 50
" Weights and measures office (74 St. Gabriel St.)		64 70	866 67						931 37
" Westmount, armoury			1,125 00						1,125 00
" Windsor station mail room		260 59	498 00	214 84				131 40	1,104 83
" Generally	157 88	7,637 96		186,817 27	33 72	7,934 60			202,581 43
Murray Bay, (La Malbaie) post office, etc		25 55		888 23	680 39	164 34	50 00		1,808 51
Napierville, post office (site)		9 48							9 48
Nicolet, post office, etc		67 15		792 70	388 05	266 99	70 80		1,585 69
Percé, post office (site)		1 20							1 20
Pierreville, post office		80 20		205 65	278 40	80 86	15 00		660 11
Plessisville, post office		740 88		809 05	949 89	198 45			2,668 27
Québec, archives office		1 00	50 00	432 00		8 27			491 27
" citadel, Governor General's quarters		193 36	39 48	706 15	986 57	113 33			2,038 89
" custom house, etc		1,366 30		6,901 60	2,182 71	836 90	2,200 00	459 29	13,946 80
" Dominion Arsenal, corner d'Auteuil and Elgin Sts			506 25						506 25
" examining warehouse		139 48		4,756 49	1,355 09	356 15	1,237 50	576 86	8,421 57
" immigration buildings (Louise embankment)	5,070 23				4,170 74	1,072 28	1,182 89	850 04	12,346 18
" immigration detention hosp. (Savard Park)		113 49			1,231 68	125 93			1,471 10
" Lindsay building, Soldiers Settlement Board			189 00						189 00
" Marine agency (King's wharf)		141 50			540 63		750 00		1,432 13
" Merger bldg., Dept. Soldiers civil re-establishment			682 00						682 00
" observatory		31 66		4 00		31 08	50 00		116 74
" post office, etc. (Main)		3,454 93	338 14	24,687 04	3,934 31	1,930 70	1,522 50	975 53	36,843 15
" " purchase of Amyot property	12,452 25								12,452 25

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Concluded									
Quebec, Postal station "B"			3,375 00			174 68			3,549 68
" Candiac post office			43 75						43 75
" Faubourg St. Jean post office			1,575 00	116 22		56 63			1,747 85
" St. Roch post office		59 35		756 60	374 94	316 38	375 00		1,882 27
" St. Sauveur post office		101 86		832 48	283 78	257 63	155 00		1,630 75
" weights and measures office		111 46			156 20	19 10			286 76
" generally		553 80		341 79		3,151 15			4,046 74
Richmond, post office, etc		775 49		921 20	611 76	234 29	40 00		2,582 74
Rigaud, post office, etc		41 21		344 29	132 00	180 20	10 50		708 20
Rimouski, post office, etc		395 90	149 00	395 72	883 11	199 22	150 00		2,172 95
Roberval, post office, etc		51 54		904 65	537 75	411 25	25 00		1,930 19
Rock Island, post office, etc		67 10		847 45	425 16	182 50	21 39		1,543 60
Ste.-Agathe des Monts (Laurentide Inn)		8 00							8 00
" " post office		8 05		911 10	389 36	155 18	75 50		1,539 19
Ste.-Anne de Bellevue, military hospital	3,724 26		62 75		39 15				3,826 16
" " post office		80 00	308 33		91 29	26 52	28 00		534 14
Ste.-Anne, de la Pocatiere, experimental farm	6,690 33				796 84				7,487 17
St.-Eustache, post office			270 00			29 09	15 00		314 09
St.-Felix de Valois, post office			65 25						65 25
St.-Gabriel de Brandon, post office		453 04		853 19	374 08	139 66	75 00		1,894 97
St.-George, de Beauce, post office			150 00						150 00
St.-Hyacinthe, inland revenue building		116 29		724 42	321 09	36 09	189 00		1,386 89
" post office, etc		307 68		945 65	440 13	201 61	187 00		2,082 07
St.-Jacques, de l'Achigan, post office		84 00	213 30						297 30
St.-Jean, custom house		178 38		459 34	283 90	41 05	60 00		1,022 67
" post office		447 08		346 83	619 60	212 17			1,625 68
St.-Jerome, post office, etc		565 85		849 22	555 37	59 48	66 09		2,096 01
St.-Joseph, de Beauce, post office		13 45	150 00			40 29	9 00		212 74
St.-Lambert, post office		13 70		825 53	160 00	80 05	26 52		1,105 80
Ste.-Rose, post office			121 50						121 50
Ste.-Therese, post office, etc		262 61		875 06	390 32	159 29	12 11		1,699 39
St.-Tite, post office		1,337 55	610 66		131 50	59 20	9 00		2,147 91
Sayabec, post office			15 62						15 62
Shawinigan-Falls, post office		499 34		988 09	567 98	105 30	45 76		2,206 47
Shawville, post office		6 00		801 15	338 62	258 81			1,404 58

Sherbrooke, armoury	426 28					3 04			429 32
" Dept. Soldiers Settlement Board		146 17	1,028 33			0 98			1,175 48
" G.T.R. Station, mail room		0 75	150 00						150 75
" post office, etc	386 02	1,310 08	50 00	1,499 40	915 79	794 53	49 46		5,005 28
" post office inspector's office		32 90	747 00			28 99			808 89
" weights and measures office		94 78	333 35						428 13
Sorel, post office, etc		420 34		1,064 82	743 84	490 04	256 00		2,975 04
Stanstead Plain, post office			206 25						206 25
Terrebonne, post office		63 44		378 62	84 00	2 63	17 00		545 69
" " (new)	10,335 20								10,335 20
" temporary post office	728 93		89 00	3 12		0 28			821 33
Thetford Mines, post office, etc		1,116 12		309 63	518 61	203 58			2,147 94
Trois Pistoles, post office			75 00						75 00
Trois Rivieres, armoury						22 80			22 80
" post office, etc		2,013 63	93 66	3,135 38	1,388 00	649 09			7,279 76
Valleyfield, post office, etc		1,836 76		1,223 83	672 17	412 20	90 00		4,234 96
Victoriaville, post office, etc		60 47	1 00	299 77	498 70	146 91			1,006 85
Minor offices throughout the Province	474 60	3,320 63			304 00				4,099 23
Québec, Generally				19 88		1,009 99			1,029 87
Totals, Québec	158,228 86	67,067 95	101,062 26	271,935 07	111,441 29	51,250 57	32,626 31	16,270 43	809,882 74

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Sundry Maintenance	Rents	Salaries	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ottawa										
Parliament Buildings	468,565 23				17,301 03	1,485 77	11,101 17	43 45	5,098 20	503,594 85
Central heating plant, operation for the heating of sundry buildings					22,471 32	96,455 57	357 89		590 63	119,875 41
City Post office					11,009 95	34 49	761 64	2,073 38	659 60	14,539 06
Drill hall		1,060 85						589 37		1,650 22
Departmental Buildings—										
Connaught building					12,195 78	12,116 15	1,976 43	711 01	1,744 04	28,743 41
Daly building	154,000 00				8,564 42	11,271 54	3,252 12	1,143 55	1,409 30	179,640 93
East Block					5,420 00	28 88	2,347 39	1,514 48	785 63	10,096 38
West Block					4,394 37	141 59	1,758 62	4,563 85	896 35	11,754 78
Hunter building					12,707 82	14,213 43	4,481 42	698 28	2,400 00	34,500 95
Langevin Block				15 00	6,636 64	32 36	1,444 52	755 72	1,190 10	10,074 34
Grounds, including Major Hill's Park			1,196 73		960 00	1,613 54	276 58	590 27		4,637 12
Repairs and furniture		163,008 82			418,946 28					581,955 10
Steel fittings	45,460 40									45,460 40
Telephone Service			88,507 63							88,507 63
Maintenance of acquired properties—										
Sussex street	753 58					551 01				1,304 59
Wellington St. East					825 00	1,533 29	182 76	204 11		2,745 16
Wellington St. West	5,407 77				18,652 24	18,328 72	4,597 38	5,613 38	154 05	52,753 54
Archives building					2,942 66	1,723 94	138 37	89 39	168 00	5,062 36
Astronomical observatory and Geodetic building			772 38		6,428 35	2,011 51	1,027 31			10,239 55
Biological laboratory						462 84	67 52			530 36
Experimental farm	14,205 63				14,617 26	7,764 85	2,112 07	2,436 07	1,237 50	42,373 38
Fuel testing plant					2,575 84	3,374 91	181 64	516 83	1,206 17	7,855 39
Mines building, Sussex street					4,115 22	773 70	1,273 08	534 71	212 50	6,909 21
National Art Gallery	44,839 50				5,158 50					49,998 00
Printing Bureau	12,771 04					16,627 32	2,437 56	2,631 80	3,848 02	38,315 74
Public Works, workshop					3,513 88	2,927 88	385 80	538 25	62 22	7,428 03
Rideau Hall	14,006 04	15,559 16			26,540 90			3,212 51		59,318 61
Grounds, green houses, etc			2,747 15		13,297 02					16,044 17
Guard room						62 34				62 34
Fuel and light			19,000 00							19,000 00
Rockliffe, rifle range								557 40		557 40

Royal Mint	37 50				240 00	12,288 31	136 89	1,928 58		14,631 28
Supreme Court					2,193 69	29 86	319 57	54 25		2,597 37
Victoria Island Shipyard					1,056 34	26 50	100 52	477 08		1,660 44
Victoria Memorial Museum					12,096 12	13,266 23	2,024 63	667 57	1,180 12	29,234 67
War Trophies building							6 44			6 44
Departments generally, care and cleaning departmental buildings including amount of $100 to E. Snowdon for firing noon gun			8,261 28		356,746 62					365,007 90
Sundry rented buildings				636,091 67	40,048 93	31,942 24	27,755 12	2,350 04	4,906 95	743,094 95
Totals, Ottawa buildings	760,046 69	179,628 83	120,485 17	636,106 67	1,031,656 18	251,088 77	70,504 44	34,495 33	27,749 38	3,111,761 46

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario									
Acton, post office, etc.		52 30		839 10	55 20	88 48	21 98		1,057 06
Alexandria, post office, etc.		145 70	540 00	500 00	690 00	122 29	7 50		2,005 49
Almonte, post office, etc.		1,156 30		916 30	645 95	312 25	93 75		3,124 55
Amherstburg, post office, etc.		570 07		734 36	591 62	150 81	60 00		2,106 86
Angus, Camp Borden, Air Force		268 30							268 30
Arnprior, post office, etc.		461 59		890 63	620 96	211 30	34 01		2,218 49
Athens, post office, etc.		137 19		38 64	117 25	128 10			421 18
Aurora, post office, etc.	11 36	150 67		884 45	535 54	34 30	16 00		1,632 32
Aylmer (West), post office, etc.		313 46		907 76	724 43	183 79	44 30		2,173 74
Barrie, post office, etc.		1,167 07		944 65	745 89	122 21	18 07		2,997 89
Belleville, C.N.R Station mail room			20 00						20 00
" Food Inspector's office			210 00						210 00
" Government's share of cost of local improvements	5,276 80								5,276 80
" post office, etc.		1,258 53		901 00	1,018 99	826 46	102 74		4,107 72
" taxation office		243 00	1,826 62						2,069 62
" weights and measures			900 00						900 00
Blenheim, post office			150 00						150 00
Bowmanville, (Martyn building), armoury			110 00						110 00
" post office		155 10		847 99	483 41	158 09	20 25		1,664 84
" (Prower bldg.) armoury			30 00						30 00
Bracebridge, post office, etc.		13 55		839 75	528 35	90 59	10 24		1,482 48
Brampton, post office, etc.		135 11		848 96	577 14	103 54	24 05		1,688 80
Brantford, armoury			100 00			17 50			117 50
" post office, etc.	3,795 40	204 80		6,559 30	1,452 03	212 83	47 36	352 62	12,624 34
" (Shultz bldg.), Dept. National Defence			2,745 00						2,745 00
Bridgeburg, post office, etc.		154 25		844 64	397 50	115 39	25 50		1,537 28
Brighton, armoury		250 92	45 00		20 00				315 92
" C.N.R. station, mail room			20 00						20 00
" post office			176 00						176 00
Brockville, gas and electric inspector's office			135 00						135 00
" post, office etc	2,376 09	130 00		1,470 68	1,173 75	527 54	180 60		5,858 66
" railway mail station			12 00						12 00
Burford, post office, etc.		2 25		863 42		147 85			1,013 52
Burlington "Brant" military hospital	8,355 83								8,355 83

Caledonia (Forster bldg.), Dept. Nat. Defence			56 00						56 00
" (Lang bldg.), Dept. Nat. Defence			40 00						40 00
Campbellford, armoury		8 00	90 00						98 00
Cardinal, post office		384 48		33 21	306 00	33 83	15 00		772 52
Carleton Place, post office, etc		101 25		846 05	135 00	147 31	48 77		1,278 38
Cayuga, post office		35 47		319 30	111 40	122 15			588 32
Chalk River, forest experimental station	48 56								48 56
Chapleau, post office			250 00						250 00
Chatham, armoury			540 00						540 00
" post office, etc		462 28		863 14	468 22	151 56	41 04		1,986 24
Chesley, armoury		88 00							88 00
" post office, etc		31 55		883 79	271 57	200 75	31 25		1,418 91
Clinton, armoury			60 00						60 00
" post office, etc		49 30		904 05	625 72	178 45	11 32		1,768 84
Cobalt, post office		175 00	2,000 00			50 64			2,225 64
Cobourg, armoury	897 60								897 60
" post office, etc	1,071 88	713 28		874 74	375 50	262 66	50 75		3,348 81
Colborne, railway mail station			20 00						20 00
Collingwood, Dept. National Defence			100 00						100 00
" post office, etc		205 82		1,309 18	1,142 57	283 73	67 04		3,008 34
Cornwall, armoury			330 00						330 00
" post office, etc		1,189 42		910 45	1,178 08	225 95	75 00		3,578 90
Deseronto, post office, etc		43 63		871 71	477 75	169 45	39 00		1,601 54
Dresden, post office		15 15		851 10		138 16	15 75		1,020 16
Dundas, post office		106 05		867 15	540 80	130 43	24 18		1,668 61
Dunnville, armoury			110 00						110 00
Eganville, post office, etc		70 20		858 65	69 00	197 72	3 75		1,199 32
Elmira, post office, etc	534 95	133 85		890 60	60 25	113 97	11 43		1,745 05
Elora, post office		435 00		853 45	170 27	91 59		8 25	1,558 56
Essex, post office		3 00		858 45	277 72	140 29	45 00		1,324 46
Exeter, post office (site)	15 00								15 00
Fergus, post office		468 60		842 60	404 61	92 02	16 52		1,824 35
Finch, dairy station		25 00							25 00
Fort Frances, Engineer's office			420 00						420 00
" public building (site)	622 72								622 72
Fort William, armoury			2,475 00						2,475 00
" examining warehouse		547 29	61 00	3,842 24	857 90	148 44	162 00	198 00	5,816 87
" post office		317 48		1,022 55	1,185 08	352 33	90 00		2,967 44
" taxation office		518 00	1,200 00						1,718 00
" generally						272 44			272 44
Galt, armoury	7,610 00	347 90							7,957 90
" post office, etc	1,470 30	486 11		919 15	668 83	111 62	53 43		3,709 44
Gananoque, custom house		523 38		31 95	440 98	72 45	27 07		1,095 83
" post office, etc		732 58		1,186 00	561 79	165 62	23 20		2,669 19
Glencoe, post office, etc		18 70		861 34	655 51	186 81	9 75		1,732 11
Goderich, armoury			270 00						270 00
" post office, etc		25 97		834 60	583 51	177 63	51 00		1,672 71
Grafton, railway station, mail room			20 00						20 00
Grimsby, post office, etc		145 33		873 86	137 39	71 39	20 00		1,247 97
Guelph, post office, etc		945 02		960 94	739 27	168 82	86 08		2,900 13

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario—Continued									
Hamilton, Board of Pension Commissioners			800 00						800 00
" gas and electric Inspector's office			720 00		56 60	29 81			806 41
" military huts, King St. East		320 00							320 00
" post office, etc		3,736 08	121 84	11,673 36	687 77	567 70	1,390 35	61 35	18,238 45
" postal station "B"	6,440 04	1 11		960 00	699 10	29 56	46 00		8,175 81
" railway station mail roon			40 00						40 00
" taxation office		1,681 65	5,938 17						7,619 82
" weights and measures office			600 00		122 00	8 00			730 00
Hespeler, post office (site)	13 79								13 79
Huntsville, armoury			137 50						137 50
" post office	52 00		475 00						527 00
Hanover, post office, etc		61 69		884 82	385 51	134 43	38 00		1,504 45
Harriston armoury		299 50	42 74						342 24
" post office, etc		141 21		615 13	160 00	195 37	19 00		1,130 71
Harrow, tobacco curing station	322 62								322 62
Hawkesbury, post office, etc		1,349 91		830 03	399 30	148 02	17 81		2,745 07
Ingersoll, armoury	708 84								708 84
" post office, etc		779 68		939 70	1,160 21	130 97	71 61		3,082 17
Kapuskasing, experimental farm	2,002 42				943 30	444 30			3,390 02
Kemptville, post office, etc.,		59 95		139 87	447 29	464 83			1,111 94
Kenora, armoury			900 00						900 00
" post office, etc		91 89		909 84	943 09	275 98	85 20		2,306 00
Kincardine, post office		84 55		273 91	535 35	161 02	26 85		1,081 68
Kingston, custom house		660 52		1,166 50	488 83	224 74	64 10		2,604 69
" immigration office		41 05	240 00		46 00	9 00			336 05
" inland revenue office, etc		338 86	2,459 58	885 74	276 54	289 47	74 67		4,324 86
" (old Collegiate bldg.), armoury		423 30	750 00	1,033 40	1,178 43	131 66	25 71		3,542 50
" Mowat sanatorium		1,057 78							1,057 78
" ordnance stores			2,829 80						2,829 80
" post office, etc	1,524 01	40 80		991 65	1,457 48	527 50	61 40		4,602 84
" R.M.C. covered drill hall	3,028 79								3,028 79
" Susman building, armoury		15 00							15 00
" "Sydenham," military hospital		2,461 03	128 00						2,589 03
" taxation office		727 49	1,500 00	276 75		70 25	4 40		2,578 89
" generally						185 20			185 20
Kingsville, post office (site)	889 71								889 71
Kitchener, examining warehouse			1,696 73			8 64	6 32		1,711 69

Kitchener, G.T.R. station, mail room			50 00						50 00
" post office, etc	18 50	1,160 01		851 14	70 00	237 17	72 73		2,409 55
Lakefield, post office		395 05		873 45	485 25	167 81			1,921 56
Lansdowne, post office			25 00		47 44				72 44
Leamington, armoury			125 00						125 00
" post office, etc				902 20	182 20	230 32	29 00		1,343 72
Lindsay, post office, etc		989 48		903 15	158 55	246 54	41 95		2,339 67
Listowel, post office, etc		122 73		821 83	1,019 77	158 59	49 67		2,172 59
London, armoury (81 King street)			385 00						385 00
" Bremmer Bldg. (Dept. S.C.R., etc.)		118 25	2,925 00						3,043 25
" custom house, etc	4,763 79	519 29		2,582 98	1,008 48	258 61	87 84		9,220 99
" G.T.R., mail room			40 00						40 00
" post office, etc	6,361 67	2,057 37		3,702 95	3,449 44	598 43	416 53		16,586 39
" Royal Bank Bldg. (Dist. Engineer's office)		121 49	3,427 80						3,549 29
" Westminster, military hospital	11,879 66		57 96						11,937 62
L'Orignal, post office			125 00						125 00
Markham, post office	40 32	5 38		695 07	193 50	36 35	5 00		975 62
Maxville, post office		70 00	245 00						315 00
Merrickville, post office			200 00						200 00
Midland, post office, etc				1,051 85	536 00	182 77	50 98		1,821 60
Mildmay, post office, etc		5 10		66 80	65 10	18 42			155 42
Milton, post office		78 10		840 20	282 55	42 24	15 87		1,258 96
Milverton, post office, etc		376 60		710 70	435 35	106 58	9 88		1,639 11
Mitchell, post office		87 21		838 00	451 30	62 68	40 00		1,479 19
Morrisburg, examining warehouse			20 00						20 00
" post office (site)	50 00								50 00
Mount Forest, post office		156 78		439 51	488 45	235 64	17 69		1,337 97
Napanee, post office		473 65		847 95	507 35	350 87	72 41		2,252 23
Newmarket, post office, etc		942 73		896 04	553 88	80 40	43 31		2,516 36
Niagara Falls, post office, etc	3,183 21	331 57		1,113 11	739 19	107 66	57 98		5,532 72
North Bay, C.P.R. mail room			92 76						92 76
" Hydrographic survey, office			480 00						480 00
" post office, etc		1,863 87		1,318 55	1,089 15	278 42	35 64		4,585 63
Norwich, post office, etc		14 80		858 50	601 15	89 40	37 92		1,601 77
Orangeville, post office, etc		341 62		1,156 95	480 23	69 98	20 00		2,068 78
Orillia, post office, etc	758 54	637 15		869 75	869 51	174 26	31 06		3,340 27
Oshawa, post office, etc		577 53		1,041 50	767 79	199 82	121 79	14 85	2,723 28
Owen Sound, armoury			418 08				16 00		434 08
" post office, etc	327 95	679 56		908 67	1,148 12	122 55	65 75		3,252 60
Palmerston, post office, etc		21 48		939 40	555 49	125 87	136 00		1,778 24
Paris, post office	25 29	5 00		841 75	553 88	126 47	22 80		1,575 19
Parkhill, post office, etc		43 90		208 37	902 97	137 63	20 00		1,312 87
Pembroke, post office, etc	3,618 05	196 70		976 60	683 63	689 47	40 00		6,204 45
Perth, armoury			93 75						93 75
" inland revenue office		60 00							60 00
" post office	12 44								12 44
Peterboro, custom house		914 10		802 60	509 36	154 54	65 82		2,446 42
" Dept. of Soldiers' Civil Re-establishment			280 00						280 00

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario—Continued									
Peterboro post office, etc.		615 27		1,500 03	187 01	194 70	98 75		2,595 76
" weights and measures office			281 25						281 25
Petrolia, armoury		38 75							38 75
" post office, etc		701 88		818 10	208 62	127 58	63 52		1,919 70
Picton, post office, etc		77 06		836 66	486 25	126 92	27 00		1,553 89
" weights and measures office			72 00		33 00				105 00
Port Arthur, examining warehouse, etc		402 51	108 75	5,143 37	2,616 44	328 33	144 91	485 19	9,229 50
" immigration office							3 60		3 60
" post office, etc		438 87		950 03	986 76	240 01	168 19		2,783 86
" generally						260 13			260 13
Port Colborne, canal office		91 00	240 00		22 50	12 68	5 50		371 68
" post office		57 38		746 41	155 25	65 82	15 00		1,039 86
Port Hope, post office, etc	1,381 62	1,110 98		922 22	352 31	717 53	12 91		4,497 57
Port Perry, post office		29 93		906 80	187 50	265 06	44 36		1,433 65
Pontypool (Durham), armoury			220 00						220 00
Powassan, armoury			55 00						55 00
Prescott, custom house		1,483 33		31 18	241 50	20 94	45 00		1,821 95
" post office	3,895 78	774 22		1,073 62	488 70	119 06	45 00		6,396 38
Preston, post office, etc	75 22	325 95		919 55	777 05	158 32	45 02		2,301 11
Princeton, post office		91 26	265 65			21 20			378 11
Renfrew, post office, etc		1,681 78		943 70	507 23	113 32	27 00		3,273 03
Ridgetown, post office			225 00						225 00
St. Catharines, post office, etc		399 70		835 82	617 79	119 49	101 40		2,074 20
" taxation office		157 72	887 58						1,045 30
St. Mary's, armoury			450 00						450 00
" post office, etc		104 95		796 85	186 85	210 22	66 73		1,365 60
St. Thomas, post office	686 80	96 88		1,019 70	805 41	147 90	20 88		2,777 57
Sandwich, post office, etc		75 91		739 35	535 00	45 17			1,395 43
Sarnia, post office, etc		289 93		884 00	459 29	155 19	80 00		1,868 41
Sault Ste. Marie, post office, etc	2,496 51	933 09	105 12	2,347 70	1,571 07	511 06	51 53	400 24	8,416 32
Seaforth, post office		67 38		863 12	517 18	99 22	16 20		1,563 10
Shelburne, post office, etc		21 09		926 30	173 52	182 57	26 00		1,329 48
Simcoe, post office, etc		38 03		1,040 13	296 50	105 52	20 00		1,500 18
Smith's Falls, armoury			123 75						123 75
" post office, etc	2,388 28	46 63		907 35	674 33	396 52	43 37		4,456 48
Stratford, post office, etc		453 72		1,344 36	982 73	234 65	58 00		3,073 46
Strathroy, post office, etc		328 71		849 27	363 47	78 39	22 50		1,642 34

Sturgeon Falls, post office			775 00			80 68			855 68
Sudbury, post office, etc	5,990 82	263 90		1,454 80	1,561 52	1,977 87	95 87		11,344 78
Tara (Bruce), Dept. Nat. Defence			96 00						96 00
Tilbury, post office		25 65		861 68	671 39	179 37			1,738 09
Tillsonburg, post office, etc		61 70		860 40	159 59	127 41	40 82		1,249 92
Toronto, Allen Bldg. (Dept. S.C.R.)			1,931 88						1,931 88
" armoury (31-35 George street)			11,645 55						11,645 55
" casualty clearing station	1,878 42								1,878 42
" Christie street hospital	6,743 65								6,743 65
" custom house (52-56 Wellington St.)		2,304 75	16,500 00	320 52		977 23	152 09	213 07	20,467 66
" Dept. Nat. Defence (211 College Ave.)			3,050 00		19 03	53 40	49 00		3,171 43
" "Euclid Hall" military hospital		373 00							373 00
" examining warehouse (276 King St. W.)		328 87	9,610 25	337 06	2,502 97	347 14	245 14	273 31	13,644 74
" " " (Yonge St.)		943 84		389 43	2,321 50	532 60	55 51	305 63	4,548 51
Toronto, gas and electric inspector's office		42 36	220 00			8 25			270 61
" Henry bldg. (Board of Pension Comm.)			1,649 14						1,649 14
" inland revenue bldg	2,879 23	337 60		163 11	615 63	358 21	31 80	72 92	4,458 50
" Keen bldg., 174 Spadina Ave. (Ordnance stores)	3,189 24	16 70	19,183 28	25 00	1,983 77	344 20	165 59	145 32	25,053 10
" Lepage bldg., 2382 Dundas St. (Veteran craft office)		306 57	2,725 67						3,032 24
" Mitchell bldg. (Dept. S.C.R.)			150 00						150 00
" Pacific bldg. (grain inspection)			660 00						660 00
" Pellatt bldg (Dept. Nat. Defence)			450 00						450 00
" post office	19,841 63	5,429 41	522 53	1,095 41	9,259 55	3,471 61	236 04	754 76	40,610 94
" postal station "A" (old G.T.R. station)		1,421 96	2,700 00	174 23	36 00	472 93		233 19	5,038 31
" " "A" (Union station)	18,845 61	1,439 59	23,754 81	1,965 89	17,195 77	7,455 16	851 52	2,339 46	73,847 81
" " "C"		137 05		91 27	468 60	287 00	31 36		1,015 28
" " "D"		240 09		120 70	574 69	354 46	73 84		1,363 78
" " "E"	46 10	51 36	1,800 00	83 80	25 06	323 92	7 56		2,337 80
" " "F," &c		859 16		130 29	933 84	387 73	53 96		2,364 98
" " "G"		319 87		177 36	1,212 94	293 69	31 68		2,035 54
" " "H"		18 51	900 00	60 08	9 24	92 94			1,080 77
" " "J"		48 25	2,250 00	60 28	9 82	189 97			2,558 32
" " "K"		62 76		78 30	526 41	127 62	21 60		816 69
" " "L"		33 82	1,925 00	66 61	11 50	263 19			2,300 12
" post office garage, Richmond street		1,608 26	123 45	206 52	1,464 51	394 48	115 46	264 46	4,177 14
" St. Andrews College, military hospital		1,066 12							1,066 12
" St. Paul's Hall (Dept. Nat. Defence)	2,599 61	252 00	2,000 00						4,851 61
" Strathy bldg. (Dept. S.C.R.)			1,925 00						1,925 00
" taxes on buildings on site purchased for addition to post office, but still occupied by private tenants	5,272 51								5,272 51
Toronto North, Dept. S.C.R.			77 67						77 67
Toronto, generally		297 61		108,859 78		1 58			109,158 97
Trenton, armoury			225 00						225 00
Trenton, post office, &c		468 28		877 15	581 18	182 09	68 75		2,177 45
Uxbridge post office, &c		12 50		866 91	469 36	158 33			1,507 10
Vineland, entomological laboratory	61 00								61 00
Walkerton, post office, &c		462 65		791 85	530 22	239 25	31 00		2,054 97

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts	$ cts.	$ cts.
Ontario—Concluded									
Walkerville, post office, &c.		216 97		1,439 75	1,134 80	153 70	26 25		2,971 47
Waterloo, post office, &c.		785 84		956 77	879 75	135 66	38 66		2,796 68
Welland, armoury			245 00						245 00
Welland, post office, &c.		111 58		892 49	616 91	180 44	37 48		1,838 90
Whitby, post office, &c.		244 26		893 31	40 55	75 75	38 00		1,291 87
Wiarton, post office	8 98								8 98
Windsor, Dept. Soldiers Civil Re-establishment (24 London St.)		75 00	800 00						875 00
Windsor, Dept. S.C.R. (335 Ouellette St.)			225 00						225 00
Windsor, post office, &c.		985 58		2,569 61	1,291 49	313 55	155 90		5,316 13
Wingham, post office		26 55		367 10	398 38	177 82	43 94		1,013 79
Woodstock, post office, &c.		775 29		1,196 87	764 47	140 30	39 20		2,916 13
Minor offices throughout the Province		1,420 61			15 00	9 78			1,445 39
Ontario, generally		2,090 70				5,246 99			7,337 69
Totals, Ontario	156,389 14	80,962 28	154,585 66	249 622 10	114,363 31	48,511 17	9,270 11	6,122 62	819,826 39
Manitoba									
Brandon, examining warehouse			1,875 00		127 88	33 85			2,036 73
" experimental farm	1,063 24				1,049 70	395 30			2,508 24
" post office, &c.	3,329 25	274 05		1,175 91	1,570 11	1,095 51	55 15		7,499 98
Carberry, post office			216 00						216 00
Carman, post office		449 80		884 16	508 91	196 67	13 00		2,052 54
Dauphin, post office, &c.		594 74		851 25	970 49	473 70	50 40		2,940 58
" taxation office			540 00						540 00
Emerson, immigration office		129 89	240 00		80 15	6 00			456 04
" post office, &c.		1,510 50		751 02	781 44	54 87			3,097 83
Gimli, post office			140 00						140 00
Killarney, armoury		250 00	120 00						370 00
Le Pas, lands office		92 18	600 00						692 18
" post office		14 11	900 00						914 11
Melita, post office			297 00						297 00
Minnedosa, post office, &c.		1,372 08		920 35	692 21	264 77			3,249 41
Morden, armoury			440 00						440 00
" experimental farm	7,122 23				474 83	81 63			7,678 69
" post office, &c.		208 82		844 75	519 75	223 47			1,796 79

Neepawa, post office,, &c.		1,184 85		1,035 00	862 30	495 15	40 70		3,618 00
Pilot Mound (Lisgar), armoury			180 00						180 00
Portage la Prairire, armoury, &c.		30 04		464 45	732 94	63 08	45 90		1,336 41
" " post office		1,036 00		1,012 28	1,518 56	834 97	31 15		4,432 96
St. Boniface, post office		126 55		798 63	578 14	92 06	28 78		1,624 16
Selkirk, post office		132 26		1,080 00	661 50	76 31	16 12		1,966 19
Shoal Lake, post office			180 00						180 00
Souris, armoury		225 00	315 00						540 00
" post office, &c		138 10		857 70	473 87	166 65	38 97		1,675 29
Stonewall, post office		443 61		490 40	278 34	44 20			1,256 55
Transcona, post office			352 50						352 50
Virden, post office, &c		332 00		842 90	737 59	223 81			2,136 30
Winnipeg Advocate bldg. (gas and elec. insp.)		11 00	675 00	2 05					688 05
" armoury (Hampton St.)			450 00						450 00
" Canada Permanent Mortgage bldg. (Railway Comm.)		21 60	1,305 00	0 53		10 50			1,337 63
" Chamber of Commerce bldg. (Interior Dept.)			2,865 00			101 42			2,966 42
" C.N.R. station, mail room		77 04	1,208 00						1,285 04
" C.P.R. station, mail room		78 24							78 24
" custom house, &c.	2,643 91	1,548 26	196 75	7,036 48	2,289 94	656 16	224 97	101 06	14,697 53
Winnipeg, Enderton bldg. (Dept. S.S.B.)		262 17	3,780 00						4,042 17
" examining warehouse	6,339 47	125 05	57 50	9,722 78	6,890 54	373 93	581 25	162 63	24,253 15
" grain warehouse					98 50				98 50
" immigration buildings	1,459 16	506 38			2,402 02	985 02	231 37	158 89	5,742 84
" Keewaydon bldg. (Dept. S.C.R.)			2,035 00						2,035 00
" Mackenzie bldg. (Dept. S.C.R.)			1,800 00						1,800 00
" Notre-Dame Investment bldg. (D.P.W. & I.R.)		11 75	13,284 33	13 00		3 75			13,312 83
" old custom house and lands office		487 74					32 00		519 74
" post office, &c.	5,747 90	445 85	146 00	18,373 45	9,448 88	2,598 70	744 46	415 46	37,920 70
" postal station "A"		1,386 69		2,240 20	959 26	267 07	10 00	623 30	5,486 52
" " "B"		234 30		1,759 88	1,200 79	807 61	136 19	13 26	4,152 03
" " "C"	223 05	1 60	1,650 00	30 62	4 50	58 97			1,968 74
" " "D"		17 94	1,000 00	761 30	271 56	41 59	14 95	3 00	2,110 34
" " Elmwood (site)	14 48								14 48
" " "F"		8 18	330 00						338 18
" School Lands building			891 00			1 13			892 13
" Scott Block (Lands office, &c)		137 12	1,260 00						1,397 12
" Tribune bldg. (taxation office)		1,203 20	11,590 00			105 90			12,899 10
" Tuxedo, military hospital	7,020 67								7,020 67
" Victory bldg. (Labour Dept.)			540 00						540 00
" weights and measures office			1,191 63						1,191 63
" Generally		171 10		5,651 73	14 00	1,197 27			7,034 10
Minor offices throughout the province		373 33							373 33
Manitoba, Dominion buildings generally		521 39				31 33			552 72
Totals, Manitoba	34,963 36	16,174 51	52,650 71	57,600 82	36,198 70	12,062 35	2,295 36	1,477 60	213,423 41

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Saskatchewan									
Battleford, post office, etc.		36 60		901 48	851 07	712 22	96 18		2,597 55
Estevan, post office, etc.		143 13		845 57	325 09	340 94	22 52		1,677 25
Gravelbourg, post office, etc.		54 13		180 94	291 52	98 85	16 50		641 94
Humboldt, post office, etc.		1,988 25		953 85	851 54	606 53	40 00		4,440 17
Indian Head, experimental farm	3,189 64				1,386 85	373 92	280 20		5,230 61
" forest nursery station		1,488 32		757 75	2,411 92	43 31	160 60		4,861 90
Kerrobert, armoury			225 00						225 00
Kindersley, armoury			550 00						550 00
Lloydminster, post office, etc.		1,853 65		904 22	449 75	455 35			3,662 97
Maple Creek, post office, etc.	1 08	452 07		254 82	367 18	159 58	35 25		1,269 98
Melfort, post office, etc.		1,786 65		868 46	854 88	425 70	111 54		4,047 23
Moose Jaw, immigration building (site)	149 30								149 30
" post office, etc.	7,853 20	3,066 27	300 00	4,719 80	3,308 43	1,352 89	178 25	643 56	21,422 40
" railway station, mail room		72 00	221 61						293 61
" Ross Park (military hospital)	1,036 80								1,036 80
Moosomin, lands office			425 83						425 83
North Battleford, immigration building		517 00	0 08		224 60	29 88	22 81		794 37
" post office, etc.		190 10		1,025 93	859 35	431 00	25 50		2,531 88
North Portal, immigration building			1 00		89 49	1 20			91 69
Prince Albert, Harphill bldg. (Dept. S. S. B.)			2,200 00						2,200 00
" immigration building					175 00	22 33			197 33
" post office, etc.		840 61		2,139 63	1,665 11	855 10	99 68		5,600 13
Qu'Appelle, armoury			440 00						440 00
Regina, Assist. Receiver General's office		558 71	8 69	977 55	866 27	484 81	42 58	166 98	3,105 59
" Dept. National Defence (1861 Scarth St.)			2,300 00			18 85	17 15		2,336 00
" " " Storage			825 00						825 00
" " " (Thompson garage)			450 00						450 00
" examining warehouse	439 83	186 40		800 53	591 58	101 84	20 16	43 53	2,183 87
" G.W.V.A. bldg. (weights and measures office)			179 67			5 93			185 60
" immigration building		453 00							453 00
" Laird bldg. (military district No. 12)	6,748 77	0 75	2,500 00		967 20	44 47	17 51	22 96	10,301 66
" McCallum-Hill bldg. (Agriculture, etc.)		5 25	100 00			4 76			110 01
" ordnance stores (Dewdney and Ottawa streets)			1,950 00						1,950 00
" ordnance stores (Whitmore bldg.)			5,400 00						5,400 00

" post office, etc.	2,298 84	1 80	130 05	5,013 21	2,592 66	1,870 45	334 73	465 76	13,307 50
" postal station "A" (C.P.R. station)		133 10	6,760 80	25 44					6,919 34
" Robert Simpson bldg. (parcel post)			1 00						1 00
" St. Andrews Hall (armoury)			1,800 00						1,800 00
" stables, M.D. No. 12			165 00			27 85	4 28		197 13
" Veteran Block (limb factory)		177 50	4,653 00			3 86			4,834 36
" Westman Chambers (inland revenue office)		559 99	3,900 00			8 26			4,468 25
" generally				9 60					9 60
Rosetown, armoury		50 00	225 00						275 00
Rosthern, experimental farm	2,137 17				1,000 80				3,137 97
Saltcoats, armoury		192 00	135 00						327 00
Saskatoon, armoury (225½ 22nd street)		150 80	1,575 00						1,725 80
" armoury (old Knox church)		470 00	1,100 00						1,570 00
" Canada bldg. (inland revenue, etc.)		154 46	5,130 72			97 74			5,382 92
" custom house		129 14	4,800 00	200 00		241 51			5,370 65
" Dept. S.S.B.			4,918 11						4,918 11
" entomological laboratory	238 59								238 59
" examining warehouse			1,350 00			14 72			1,364 72
" lands office, etc.		366 86	1,800 00						2,166 86
" post office, etc.	2,697 88	25 05	174 32	2,465 81	985 12	1,307 12	53 06	26 40	7,734 76
" railway station, mail room			90 00						90 00
" taxation office			1,280 25						1,280 25
" weights and measures office			1,170 97						1,170 97
Scott, experimental farm	1,370 75				422 63	236 30			2,029 68
Sutherland, forest nursery station		100 90			609 56				710 46
Swift Current, armoury			562 00						562 00
" experimental farm		51 18							51 18
" lands office			1,431 90						1,431 90
" post office			1,733 79		473 40	319 60			2,526 79
West Poplar, immigration building		11 65			25 00				36 65
Weyburn, armoury			450 00						450 00
" post office, etc.		198 20		889 50	855 22	583 85	55 10		2,581 87
Yorkton, armoury (old custom house)		262 00							262 00
" post office, etc.		86 10		837 46	624 64	771 76	57 80		2,377 76
" taxation office			540 00	192 00					732 00
Minor offices throughout the province		275 85							275 85
Saskatchewan, Dominion buildings generally		1,253 97		84 81		1,643 71			2,982 49
Totals, Saskatchewan	28,161 85	18,343 44	63,953 79	25,648 36	24,125 86	13,696 19	1,691 40	1,369 19	176,990 08
Alberta									
Athabasca, immigration building			15 00		153 00				168 00
" post office			109 00		113 15				222 15
Banff, Dept. National Defence			600 00				6 12		606 12
Bassano, post office, etc.		473 75		792 85	20 50	211 80	68 85		1,567 75
Calgary, Asst. Receiver General's office	284 55	1,221 05	77 70	1,307 38	245 34	207 97	17 60		3,361 59
" Blow building (Irrigation, etc.)		1,481 06	16,715 25	1,077 50		425 48	4 62		19,703 91
" Bishop Pinkham College (Sunnyside hospital)			2,000 00						2,000 00

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Alberta—Continued									
Calgary, Burbidge bldg. (Military Dist. No. 13)	1,008 34	189 48	4,050 00	801 09	494 34	120 73	70 29	6 30	6,740 57
" C.P.R. mail room			104 29						104 29
" Col. Belcher's military hospital			8,100 00						8,100 00
" Dept. National Defence (10th Avenue and 7th street)			9,600 00						9,600 00
" Dept. National Defence (Chapin garage)			675 00						675 00
" Soldiers' Civil Re-establishment (Ramsay bldg., 2nd St. East)			1,500 00						1,500 00
" Soldiers' Civil Re-establishment, garage 525A 2nd Ave		56 66	272 00				15 00		343 66
" examining warehouse	9,013 63	5,339 46		8,649 06	3,415 07	776 28	912 84	2,015 26	30,121 60
" Hickman Block (Lands and Irrigation garage)		10 40	200 00						210 40
" Hillhurst garage (Interior Dept.)			300 00						300 00
" immigration building		792 65	10 00	1,829 13	773 29	144 12	133 89	151 97	3,835 05
" Lancaster building (P.O.)	2,844 90	2,811 78	35,375 50	2,606 07		2,153 74			45,791 99
" Leeson-Lineham bldg. (Interior Dept.)			2,400 00			16 46			2,416 46
" Mitchell bldg. (Dept. S.C.R.)			150 00						150 00
" Moffatt bldg. (Topographical Survey)			90 00						90 00
" post office (site)	8 75								8 75
" Southam Block (Dept. S.S.B.)		1,577 65	6,300 00			235 82			8,113 47
" Thomas bldg. (D.P.W., etc.)		3 75	1,745 40			11 62			1,760 77
" generally				87 42					87 42
Coutts, immigration building		69 98	17 11						87 09
Edmonton, Alexander Block, Lands office			6,660 00	580 50		251 33			7,491 83
" C.N.R. Station, mail room		121 00	200 00						321 00
" Dept. S.C.R. Orthopaedic Branch, (10211 100A St.)		7 65	40 00			1 60			49 25
" Dept. S.C.R. (Elphinstone bldg.)			280 00						280 00
" Dept. S.C.R. (McLeod bldg.)			3,465 00						3,465 00
" examining warehouse			4,320 00			19 19		69 72	4,408 91
" immigration building		513 30	0 67		525 43	112 17	69 19		1,220 76
" Mortlake bldg. (P.O. Dept.)		278 50	8,039 17			494 71			8,812 38
" post office, etc	6,831 85	3,017 64	55 20	9,645 79	1,802 57	2,086 37	359 10	507 48	24,306 00
" Williamson Block (Dept. S.S.B.)		963 00	14,666 67						15,629 67
Edmonton South, (Strathcona) hospital			13,551 67						13,551 67
" " (Strathcona) post office		649 36		1,055 06	559 79	325 88	106 55		2,696 64

Edson, immigration building		8 00			191 60	24 20			223 80
Gleichen (Bow River), armoury	1,595 00								1,595 00
Grande Prairie, immigration building			29 56		101 58				131 14
" lands office and post office	76 78	664 61		407 96	760 54	243 50	8 50		2,161 89
Grouard, immigration building			200 00						200 00
Lacombe, experimental farm	3,976 80				2,104 27	291 22			6,372 29
Lethbridge, Dept. Nat. Defence, Headquarters of artillery units			1,350 00						1,350 00
" experimental farm	1,401 29				796 80	84 48			2,282 57
" post office, etc	2,362 19	813 68		4,895 13	1,833 09	1,034 43	148 80	324 05	11,411 37
MacLeod, armoury			675 00						675 00
" custom house		411 50			113 75	74 34	37 20		636 79
Medicine Hat, armoury		170 64	1,125 00			9 33			1,304 97
" C.P.R. Sta., mail room			159 39						159 39
" post office, etc		806 47		2,003 60	501 17	749 95	185 77		4,246 96
Peace River Crossing, immigration building			65 45		88 55				154 00
" " lands office		110 00	1,080 00		525 62				1,715 62
" " post office			473 33		182 21				655 54
Pincher Creek, forestry office			600 00						600 00
Red Deer, armoury			550 00						550 00
" public building		948 36		1,060 84	351 00	161 46	67 40		2,589 06
Rocky Mountain, forestry office		17 77	355 00		51 87		5 21		429 85
Spirit River, immigration building			5 00		281 70				286 70
Vermilion, immigration building			2 91						2 91
Wetaskiwin, post office		77 15		864 93	342 12	370 54	72 33		1,727 07
Minor offices throughout the province		580 67		1 89		4 95			587 51
Alberta Generally		1,172 78				323 86			1,496 64
Totals, Alberta	29,404 08	25,359 75	148,355 27	37,666 20	16,328 35	10,967 53	2,289 26	3,074 78	273,445 22
British Columbia									
Agassiz, experimental farm	2,879 75				1,253 61	180 00			4,313 36
Alberni, post office			80 00						80 00
Ashcroft, post office		295 56		1,305 05	320 91	388 72	121 75		2,431 99
Atlin, post office, etc		987 50		141 55	338 00	137 30			1,604 35
Bamfield, public building	574 97	178 22		7 67	210 40	26 53			997 79
Bella Coola, fisheries office			93 10						93 10
Chilliwack, post office, etc		18 85		610 34	511 28	120 48	27 00		1,287 95
Comox, post office, etc		15 15		396 67	361 57	111 29			884 68
Courtenay, Dept. National Defence			275 00			6 36			281 36
Cranbrook, (Hanson Bldg.), armoury		247 50	345 00						592 50
" post office, etc		1,542 05		1,081 48	661 65	460 89	55 01		3,801 08
Cumberland, post office, etc		245 40		718 23	353 37	251 67	40 00		1,608 67
Douglas, immigration building		50 45				17 23			67 68
Duncan, post office, etc		80 30		1,001 35	443 75	290 07	15 00		1,830 47
Esquimalt, Dept. National Defence		107 54	90 00						197 54
Fernie, post office, etc	2,083 55	82 00		1,107 59	595 00	281 12	49 50		4,198 76
Fort Steele (Kootenay), immigration building		54 39							54 39
Grand Forks, post office, etc		173 00		939 13	712 21	250 39	60 00		2,134 73

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued									
Greenwood, post office, etc.		751 00		458 34	436 35	187 82	48 00		1,881 51
Huntingdon, immigration building		91 74					24 00		115 74
Invermere, experimental farm	2,047 81				525 00				2,572 81
Kamloops, Acadia Block (Interior Dept.)		68 92	5,188 60						5,257 52
" custom house, etc. (old post office)		35 26		1,022 35	424 41	104 90	24 00		1,610 92
" forestry office			90 00						90 00
" post office, site for new building, Seymour St.	93 22	5 50							98 72
" post office, Smith bldg. (temporary)		404 83	1,200 00			445 63	12 00		2,062 46
Kelowna, Dept. Nat. Defence			150 00						150 00
Kingsgate, immigration office		54 84							54 84
Ladysmith, post office		15 65		844 68	262 00	109 20	24 00		1,255 53
Lumby (Yale Dist.), Chisholm bldg., mil. store		52 12	142 26		15 00	10 00			219 38
" " Morand bldg., armoury			107 73						107 73
Nanaimo, armoury			450 00			6 36			456 36
" Gov't share of cost of local improvements	2,344 07								2,344 07
" post office, etc.		1,935 29		1,899 28	504 67	749 40	18 00		5,106 64
Nelson, engineer's office (D.P.W.)		4 70	780 80	83 30					868 80
" post office, etc.	2,923 69	49 00	59 50	1,079 09	911 92	765 63	36 00		5,824 83
" taxation office			216 00						216 00
New Westminster, Indian and Fisheries bldg.		496 66		1,113 20	199 16	108 26	36 19		1,953 47
" post office, etc.	3,714 25	389 52	211 45	2,950 10	1,110 89	765 04	92 54	374 00	9,607 79
North Vancouver, post office		1,513 00		961 40	429 65	232 17	10 80		3,147 02
Pacific Highway, immigration office		157 63		15 25	148 50	100 49			421 87
Port Alberni, post office, etc.		231 10		934 20	382 50	166 81	15 23		1,729 84
Point Grey (South Vancouver), Shaughnessy military hospital	2,090 60								2,090 60
" Shaughnessy and Fairmount hospital properties, taxes for 1920	1,815 86								1,815 86
Prince Rupert (Black Bldg.), post office	1,945 28		3,829 25	672 07		771 66	28 15		7,246 41
" Dept. Nat. Defence (121-22nd Ave.)			550 00						550 00
" examining warehouse		260 61	200 00						460 61
" (Federal Block), post office, etc.	87 30	21 25	1,464 25	5 40		170 67			1,748 87
" immigration building		193 00	1 81						194 81

" quarantine station	.....	215 25	.....	.....	.....	.....	.....	.....	215 25
" (Stephen Bldg.), fisheries office	.....	220 05	.....	14 80	153 54	47 33	22 00	.....	457 72
Revelstoke (Bank of Commerce Bldg.), Interior Dept	.....	32 00	1,020 00	.....	.....	.....	.....	.....	1,052 00
Rossland, post office, etc	.....	1,289 60	.....	787 75	825 25	301 39	142 10	.....	3,346 09
Salmon Arm, fire ranger's office	.....	.....	366 62	.....	.....	.....	.....	.....	366 62
Sidney, experimental farm	1,386 77	.....	.....	.....	539 50	242 79	.....	100 00	2,269 06
Summerland, experimental farm	1,022 52	.....	.....	.....	411 69	.....	.....	.....	1,434 21
Union Bay, post office	.....	234 00	.....	265 40	278 00	180 15	.....	.....	957 55
Vancouver, armoury (1255 Pender St.)	.....	.....	1,950 00	.....	.....	21 74	.....	.....	1,971 74
" (Board of Trade Bldg.), taxation office	.....	656 73	1,900 00	.....	.....	.....	.....	.....	2,556 73
" Dept. Nat. Defence (Horse Show Bldg.)	.....	.....	3,750 00	.....	.....	81 76	.....	.....	3,831 76
" " " (Cambie St.)	.....	.....	225 00	.....	.....	.....	.....	.....	225 00
" " " (520 Granville St.)	.....	.....	480 00	.....	.....	.....	.....	.....	480 00
" " " (1117 Seaton St.)	.....	.....	1,650 00	.....	.....	21 74	.....	.....	1,671 74
" " " (570 Granville St.)	.....	.....	60 00	.....	.....	.....	.....	.....	60 00
" " " (Thompson Bldg.)	.....	.....	600 00	.....	.....	.....	.....	.....	600 00
" Dept. Soldiers' Civil Re-establishment (760 Beatty St.)	.....	.....	1,425 00	.....	.....	.....	.....	.....	1,425 00
" " Soldiers' Settlement Board (North West Bldg.)	.....	.....	3,150 00	.....	.....	.....	.....	.....	3,150 00
" Duncan Bldg., Agriculture, Labour, S.C.R. and dredging office	.....	355 15	14,825 70	.....	.....	74 08	.....	.....	15,254 93
" Empire bldg. (Mar. and Fish. D.)	.....	5 00	450 00	.....	.....	11 46	.....	.....	466 46
" examining warehouse	2,975 53	455 81	5 35	8,774 18	2,644 43	421 37	151 95	543 00	15 971 62
" immigration detention building	4,871 62	.....	.....	50 73	1,563 61	1,935 90	507 95	247 68	9,177 49
" London bldg. (taxation and dredging office)	.....	2,406 33	3,500 00	.....	.....	.....	.....	.....	5,906 33
" Molson's Bk. B., fisheries office	.....	329 26	2,195 33	.....	.....	42 24	.....	.....	2,566 83
" Navy League "Auditorium," armoury	500 00	.....	.....	.....	.....	.....	.....	.....	500 00
" (old post office) Assay office	2,763 84	227 79	.....	2,909 70	1,224 86	339 84	49 80	.....	7,515 83
" Pacific bldg., geological survey	.....	11 25	2,050 65	.....	.....	8 61	.....	.....	2,070 51
" post office, &c	5,665 75	7,639 86	85 20	16,321 09	2,766 62	4,191 82	291 95	361 29	37,323 58
" postal station "A" (C.P.R.)	.....	454 98	1,893 00	4 38	.....	55 00	.....	64 25	2,471 61
" " "B"	.....	229 41	3,150 00	2,507 82	.....	66 83	.....	.....	5,954 06
" " "C"	.....	353 00	.....	1,114 38	626 48	55 07	27 05	.....	2,175 98
" " "D"	859 86	407 30	1,575 00	754 68	4 00	132 64	.....	.....	3,733 48
" Rogers Block (Fish. insp.)	.....	.....	60 00	.....	.....	2 50	.....	.....	62 50
" R.C.M.P. Barracks	3,608 75	.....	.....	.....	.....	.....	.....	.....	3,608 75
" Generally	.....	.....	.....	.....	.....	1,441 58	.....	.....	1,441 58
Vernon, entomological laboratory	.....	27 25	.....	.....	.....	.....	.....	.....	27 25
" Megaw bldg. (Dept. S.S.B.)	.....	217 17	1,500 00	.....	362 50	.....	.....	.....	2,079 67
" post office, &c	.....	779 72	.....	1,060 42	749 18	491 53	37 50	.....	3,118 35

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923—*Continued.*

Name of Building	Construction and Improvements	Repairs and Furniture	Rents	Salaries and Supplies for Caretakers	Heating	Lighting	Water	Power	Total
PUBLIC BUILDINGS									
British Columbia—Continued	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Victoria Ames-Holden bldg. (examining warehouse)	.....	91 64	3,600 00	1,129 98	134 23	75 94	19 74	78 00	5,129 53
" astronomical observatory, Little Saanich Mountain	.....	1,014 31	.....	1,922 39	323 47	1,476 66	.....	323 03	5,059 86
" Central bldg. (Dept. S.C.R.)	.....	.....	872 72	.....	.....	.....	.....	.....	872 72
" Dept. Nat. Defence, Shed No. 2	.....	.....	3,600 00	.....	.....	.....	.....	.....	3,600 00
" " " 204 Wilson St	.....	.....	30 00	.....	.....	.....	.....	.....	30 00
" " " Campbell bldg	.....	.....	286 00	.....	.....	.....	.....	.....	286 00
" " " Strathcona Hotel	.....	.....	825 00	.....	.....	.....	.....	.....	825 00
" fumigating plant (C.P.R. wharf)	.....	.....	22 50	.....	.....	.....	.....	.....	22 50
" hydro-survey	.....	.....	864 00	.....	.....	.....	.....	.....	864 00
" immigration building	.....	707 79	.....	.....	896 50	206 86	247 13	.....	2,058 28
" marine office (old custom house)	.....	118 85	.....	1,151 15	455 42	170 92	66 96	.....	1,963 30
" meteorological observatory	.....	779 97	.....	1,183 17	283 90	235 15	24 91	.....	2,507 10
" new post office, &c	2,263 40	2,930 14	418 00	14,463 01	3,239 17	1,974 14	114 00	931 55	26,333 41
" old post office, &c	.....	205 56	.....	1,090 69	136 60	108 42	123 38	.....	1,664 65
" " " taxes due city for 1921	1,019 77	.....	.....	.....	.....	.....	.....	.....	1,019 77
Williams Head, quarantine station	3,865 20	271 39	.....	.....	4,129 10	97 41	336 56	.....	8,699 66
Minor offices throughout the province	.....	548 07	2 25	.....	.....	507 98	.....	.....	1,058 30
British Columbia Dom. buildings generally	.....	1,190 92	.....	.....	.....	.....	.....	.....	1,190 92
Total, British Columbia	53,403 36	35,215 08	73,912 07	74,853 44	32,859 85	22,236 94	2,900 15	3,022 80	298,403 69

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

PUBLIC BUILDINGS	Construction and Improvements	Repairs and Furniture	Staff and Maintenance	Total
	$ cts.	$ cts.	$ cts.	$ cts.
Yukon Territory				
Heating, lighting, water, &c., for all buildings in Yukon Territory			40,019 43	40,019 43
Total, Yukon Territory			40,019 43	40,019 43
Generally				
Advertising coal tenders for Dominion buildings			44 16	44 16
Electric bulbs for Dominion public buildings			1,080 37	1,080 37
Flags for Dominion public buildings			2,559 16	2,559 16
Immigration offices outside of Canada		237 60		237 60
Post office fittings and supplies, stock stored at Toronto for distribution throughout the provinces	1,290 72			1,290 72
Printing, stationery, instruments, travelling, etc			12,013 42	12,013 42
R.C.M.P. huts, Ellesmere Island (Arctic Regions)	10,400 00			10,400 00
Salaries of resident clerks of works, etc			83,588 99	83,588 99
Totals, Generally	11,690 72	237 60	99,286 10	111,214 42

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—					
Abercrombie Point, wharf			2,717 72		2,717 72
Amherst Point, wharf			295 92		295 92
Anderson's Cove, breakwater			299 50		299 50
Antigonish Landing, wharf			223 65		223 65
Arichat, wharf	4,001 05		328 19		4,329 24
Arisaig, wharf			493 83		493 83
Babin's Cove, wharf			499 45		499 45
Baddeck, wharf			3,698 92		3,698 92
Bailey's Brook, rebuilding west pier		8,677 29			8,677 29
Baker's Point, wharf reconstruction		2,211 45			2,211 45
Barrington Cove, Sidney Mines, wharf			3,611 73		3,611 73
Barrington Passage, wharf		2,765 67			2,765 67
Bass River, bed for vessels		211 20			211 20
Basswood Beach, protection works		3,264 38			3,264 38
Battery Point, wharf	598 85		291 28		890 13
Bayfield, wharf			30 25		30 25
Bay St. Lawrence, pier			300 69		300 69
Bear Point, wharf			455 94		455 94
Big Bras d'Or, wharf	1,333 68		614 31		1,947 99
Blue Rock, breakwater			1,130 93		1,130 93
Bluff Head, breakwater			399 60		399 60
Boisdale, wharf		25 00			25 00
Breen's Pond, wharf			410 27		410 27
Breton's Cove, wharf			437 59		437 59
Broad Cove, breakwater			3,490 34		3,490 34
Brooklyn, wharf			999 98		999 98
Burke's Head, breakwater			360 90		360 90
Burlington Centre, wharf			49 95		49 95
Canso, wharf	5,102 69	2,668 17			7,770 86
Caribou Island, wharf			201 49		201 49
Castle Bay, wharf			1,300 09		1,300 09
Chapel Cove (West L'Ardoise), breakwater extension		8,820 75			8,820 75
Charlo's Cove, breakwater			420 99		420 99
Chegoggin, breakwater		6,432 58			6,432 58
Cheticamp Point, wharf			461 19		461 19
Cheverie, wharf			1,301 54		1,301 54
Chimney Corner, wharf		1,193 65			1,193 65
Chipman's Brook, wharf			100 00		100 00
Chris Cove, breakwater		454 24			454 24
Church Point, retaining wall and sluice gates		2,629 28			2,629 28
Clark's Harbour	699 50				699 50
Comeau's Hill, breakwater			499 73		499 73
Comeauville, breakwater		5,986 23			5,986 23
Cow Bay (Port Morien), breakwater			4,040 62		4,040 62
Creignish, breakwater			383 79		383 79
Cribbin's Point, wharf		3,116 64			3,116 64
Croft's Cove, wharf			30 60		30 60
Culloden, breakwater			770 28		770 28
Dartmouth—Eastern Passage—Sea Plane Station		2,025 00			2,025 00
Devil's Island, breakwater			55 54		55 54
Digby pier, renewals			4,566 95		4,566 95
Digby wharf extension	8,639 82	14,053 35			22,693 17
Dover, wharf			579 22		579 22
Dublin Shore, breakwater			2,213 20		2,213 20
Eagle Head, breakwater			300 02		300 02
East Berlin, breakwater			401 17		401 17
East End (Cripple Creek), protection walls		1,498 86			1,498 86
East Green Harbour, wharf			418 15		418 15
East Port Medway, wharf			1,229 77		1,229 77
East Ship Harbour, wharf			999 72		999 72
Feltzen South, breakwater			667 37		667 37

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—Continued					
First South (Lunenburg), channel	6,144 21				6,144 21
Five Islands, wharf			697 61		697 61
Fox Island, protection works			2,400 00		2,400 00
Freeport, wharf			303 01		303 01
French River, wharf			26 90		26 90
Friar's Head, breakwater			1,048 95		1,048 95
Fruid's Point, wharf			348 41		348 41
Gillis Point, wharf			527 78		527 78
Goose Bay, wharf			197 30		197 30
Grand Etang, harbour works	8,099 83		4,626 81		12,726 64
Grand Narrows, wharf			3,646 25		3,646 25
Grosses Coques, beach protection		250 00			250 00
Halifax Graving Dock		15 41			15 41
" Lawlor's Island, quar. station, wharf			2,191 43		2,191 43
Hall's Harbour, wharf			99 23		99 23
Hampton (Annapolis Co.), wharf			250 00		250 00
Hantsport, wharf			697 70		697 70
Harbour-au-Bouche, wharf			600 00		600 00
Harbourview (Seaside), wharf			2,973 77		2,973 77
Harbourville, breakwater			299 70		299 70
Huntspoint, breakwater			348 68		348 68
Indian Brook Flats, wharf			432 09		432 09
Inverness, piers	9,783 40		9,505 99		19,289 39
Iona, wharf (new)			191 15		191 15
Isaac's Harbour, wharf			1,999 64		1,999 64
Johnston's Harbour (freight shed)		454 77			454 77
Joggins, breakwater			1,197 28		1,197 28
Judique (Baxter's), wharf			300 01		300 01
Kelly's Cove, breakwater		3,000 00			3,000 00
Kingsport, wharf			317 79		317 79
La Have Island, Wolfe channel	1,501 50				1,501 50
Liscomb, wharf			233 50		233 50
Litchfield, wharf			577 61		577 61
Little Anse, breakwater			2,143 53		2,143 53
Little Bras d'Or, breakwater	9,843 85		1,273 28		11,117 13
Little Harbour, breakwater			699 81		699 81
Little Narrows South, wharf			1,281 54		1,281 54
Little River, breakwater			1,777 95		1,777 95
Livingstone's Cove, wharf			899 58		899 58
Lockport, wharf	80,087 81	4,244 87			84,332 68
Long Cove, breakwater			650 00		650 00
Long Point, wharf			60 03		60 03
Louis Head	298 88				298 88
Lower Argyle, wharf			790 43		790 43
Lower L'Ardoise, breakwater			990 34		990 34
Mabou Harbour, wharf			126 81		126 81
Maitland, wharf			2,823 38		2,823 38
Malagash, wharf	8,715 81		619 71		9,335 52
Malagawatch, protection works	499 90		299 98		799 88
Malignant Cove, wharf			23 60		23 60
Margaree Harbour, breakwaters			26,044 17		26,044 17
Margaretville, breakwater			4,107 12		4,107 12
McKay's Point (Lower Washabuck), wharf			498 55		498 55
" " (Judique), wharf			2,899 70		2,899 70
McNair's Cove, breakwater			1,731 44		1,731 44
Meat Cove, breakwater			103 75		103 75
Melford, wharf			4,953 22		4,953 22
Mill Creek, wharf		2,903 11			2,903 11
Minasville, wharf			599 76		599 76
Necum Teuch, wharf		4,326 74			4,326 74
Neil's Harbour, breakwater	75 50		132 02		207 52
New Campbellton, wharf			481 92		481 92
Newellton, wharf			1,498 38		1,498 38

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—Continued					
New Glasgow, wharf			3,012 11		3,012 11
Noel, wharf (shed)		363 98			363 98
North East Harbour, wharf			463 74		463 74
North Gut (St. Ann's), wharf			599 97		599 97
North Ingonish (McLeod's Point), wharf			191 81		191 81
North Sydney, Ballast grounds, pile extension		3,030 88			3,030 88
North Sydney	4,382 11				4,382 11
North Sydney, breakwater			6,715 29		6,715 29
Nyanza, wharf			328 00		328 00
Ogdens Pond, protection works		499 57			499 57
Orangedale, wharf			40 33		40 33
Osborne, wharf			302 25		302 25
Oyster Pond, protection works		36 80			36 80
Parker's Cove, breakwater			199 81		199 81
Parrsboro, wharf			601 76		601 76
Pembroke, wharf approach			1,320 57		1,320 57
Pereaux, wharf			45 19		45 19
Petite Riviere (Lunenburg Co.)	299 74				299 74
Petit de Grat	14,368 85				14,368 85
Pickett's pier (Habitant river)			496 27		496 27
Pictou Island, wharf			644 71		644 71
Pictou Light beach, protection works			550 85		550 85
Pleasant Bay (Inverness Co.), wharf			143 20		143 20
Port Dufferin East, wharf			2,417 85		2,417 85
Port Felix, wharf			299 95		299 95
Port George (Annapolis Co.) breakwater			662 92		662 92
Port Greville, breakwater			498 35		498 35
Port Hawkesbury, wharf			1,046 66		1,046 66
Port Hastings, wharf	377 00		499 69		876 69
Port Hood, wharf	6,065 08		2,788 48		8,853 56
Port Lorne, breakwater			596 45		596 45
Port Maitland, breakwater			7,499 52		7,499 52
Port Mouton, harbour works		2,330 71			2,330 71
Portuguese Cove, wharf		107 40			107 40
Port Wade, wharf			137 68		137 68
Poulamond, wharf			503 99		503 99
Pubnico Head, wharf			491 93		491 93
River Bourgeois, wharf			333 97		333 97
River Hebert, wharf			1,499 74		1,499 74
Riverport channel	54,750 70				54,750 70
Riverport, revetment wall		11,989 33			11,989 33
Ross, Ferry, wharf		796 35			796 35
Round Hill, wharf		250 00			250 00
St. Joseph du Moine (Inverness Co.), wharf			494 74		494 74
St. Mary's River	1,638 76				1,638 76
Salmon River (Cape Breton Co.),wharf		855 40			855 40
Sandy Cove (Digby Co.), breakwater			1,711 07		1,711 07
Scotch Cove (White Pt.), breakwater			17 50		17 50
Scotts Bay, wharf		364 29			364 29
Seaside, *see* Harbourview.					
Seaforth, shore protection and breakwater		2,288 15			2,288 15
Shad Bay, wharf			247 00		247 00
Shelburne, wharf			4,480 26		4,480 26
Short Beach, breakwater			196 87		196 87
Soldier's Cove, wharf		270 35			270 35
South Cove, wharf			1,102 48		1,102 48
South Lake (Lakevale), breakwater			500 00		500 00
Summerville, wharf			828 16		828 16
Sydney quar. station, retaining wall		656 28			656 28

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—Concluded					
Sydney South Bar Beach, protection works			2,004 25		2,004 25
Sydney, Whitney pier			2,995 77		2,995 77
Tangier, wharf			800 17		800 17
Terrance Bay, wharf			1,001 95		1,001 95
Three Fathom Harbour, shore protection			708 54		708 54
Tiverton, wharf			100 09		100 09
Toney River, wharf			32 50		32 50
Trout Cove, breakwater			49 65		49 65
Tupperville, wharf			573 11		573 11
Turner's Island, wharf (shed)			197 15		197 15
Upper Washabuck, wharf			792 33		792 33
Wallace, wharf			350 15		350 15
Washabuck Centre, wharf			397 33		397 33
West Arichat, breakwater			1,200 50		1,200 50
West Arichat, wharf (shed)		498 92	396 13		895 05
West Baccaro, breakwater			499 88		499 88
West Chezzetcook wharf			437 41		437 41
West Head (Shelburne and Queens Co.) wharf			1,107 01		1,107 01
Westport, wharf			685 00		685 00
Western Shore, wharf			295 08		295 08
White Head, wharf			737 12		737 12
Whycocomagh, wharf			4,672 29		4,672 29
Windsor, wharf	500 13	1,550 05			2,050 18
Wolfville	9,938 19				9,938 19
Yarmouth Bar, improvements		3,987 51			3,987 51
Yarmouth Harbour, dredging	89,745 99				89,745 99
Generally				532 28	532 28
Totals, Nova Scotia	327,492 83	111,104 61	200,175 49	532 28	639,305 21
Prince Edward Island—					
Bay View, wharf		3,297 72			3,297 72
Beach Point (Prowse wharf)	4,072 07				4,072 07
Belle River, wharf			121 25		121 25
Bonshaw, wharf		1,365 72			1,365 72
Charlottetown, Aylward's wharf	4,398 84				4,398 84
French River, wharf			301 10		301 10
Georgetown, wharf	1,105 99				1,105 99
Greek River, wharf		1,038 20			1,038 20
Grand River, wharf (North)			120 02		120 02
Hickey's, wharf			154 32		154 32
Hurd's Point, wharf (shed)		4,204 00			4,204 00
Lambert's pier (Montague)			199 50		199 50
McAulay's Shore, wharf			70 40		70 40
Mink River, wharf			453 25		453 25
Miminigash Harbour, breakwater		3,060 71			3,060 71
Mount Stewart	34,011 24				34,011 24
New London, beach protection			1,573 56		1,573 56
North River (Bridge), wharf			77 90		77 90
Panmure Island, wharf			1,209 60		1,209 60
Port Hill, wharf			468 34		468 34
Pownal, wharf	12,034 24				12,034 24
Red Point, wharf			4,647 68		4,647 68
Rustico North, breakwater			658 20		658 20
Savage Harbour, improvements		999 50			999 50
Southport	12,819 47				12,819 47
Tignish, breakwater	82 00		47 57		129 57
Tracadie, breakwater			1,114 27		1,114 27
Vernon River, North, wharf			362 50		362 50
Wood Island, breakwater			975 33		975 33
Generally				280 51	280 51
Totals, Prince Edward Island	68,523 85	13,965 85	12,554 79	280 51	95,325 00

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
New Brunswick—					
Back Bay, wharf			74 68		74 68
Bathurst Harbour, improvements	29,403 40		30 25		29,433 65
Bayside, wharf			347 70		347 70
Beaver Harbour	2,587 41				2,587 41
Belliveau, wharf			95 92		95 92
Black River, wharf			399 47		399 47
Black's Harbour, wharf extension		7,565 16			7,565 16
Burnt Church, wharf			539 53		539 53
Buctouche	166 75				166 75
Burton Court House, wharf			428 44		428 44
Campbellton, wharf			2,991 68		2,991 68
Cape Bald, breakwater pier		474 76			474 76
Caraquet, wharf			1,932 86		1,932 86
Chase's Point, *see* Gunters.					
Chatham, wharf	1,267 81		60 00		1,327 81
Chockfish, breakwater			309 20		309 20
Chocolate Cove	31 49				31 49
Cummings' Cove (Charlotte Co.), wharf and slip		7 00	1,709 28		1,716 28
Dalhousie, deep water wharf			186 98		186 98
" ferry wharf			2,641 37		2,641 37
Dipper Harbour, breakwater-wharf			419 37		419 37
Durham, wharf			495 01		495 01
Evandale, *see* Kars.					
Fairhaven (Deer Island), wharf			846 85		846 85
Gagetown, wharf			594 15		594 15
Gaspereaux River (Port Elgin)	130 20				130 20
Great Salmon River, breakwater			48 82		48 82
Gunter's, wharf (or Chase's Point)			269 25		269 25
Kars (Evandale, King's Co.)	934 62				934 62
Kouchibougouac, narrows	24 00				24 00
Leonardville, wharf	185 05		637 85		822 90
L'Etete, wharf			299 68		299 68
Little Aldouane, wharf			39 65		39 65
Little Lameque, *see* Petite Lameque.					
Loggieville, wharf			19 00		19 00
Lord's Cove, wharf			258 45		258 45
Lower Caraquet, wharf			1,124 22		1,124 22
Main River, wharf			62 50		62 50
Marble Cove	181 50				181 50
Middle Island, wharf		695 48			695 48
Mills Point, wharf			8 00		8 00
Miramichi River	21,380 80				21,380 80
Miscou, wharf			356 73		356 73
Moncton, wharf			378 60		378 60
Moulie's River, wharf		200 02			200 02
Neguac, wharf			23 00		23 00
Nelson	7,678 57				7,678 57
Newcastle	2,203 49				2,203 49
North Head (Grand Manan Isld.) breakwater-wharf		42 20			42 20
Oak Point (Northumberland) wharf			1,680 38		1,680 38
Oromocto, wharf			23 84		23 84
Petite Lameque, wharf			1,092 86		1,092 86
Petit Rocher, breakwater			6,420 29		6,420 29
Portage River, breakwaters			1,179 51		1,179 51
Red Store (St. George) wharf			162 27		162 27
Richardson, wharf			73 18		73 18
Richibucto Bar	7,134 13				7,134 13
Richibucto Beach, breakwaters			788 07		788 07
Richibucto Cape, breakwater	2,238 45	309 65			2,548 10
River St. Charles, wharf (Kent Co.)	654 92		40 53		695 45
River St. Louis	1,575 64				1,575 64
Rothesay, wharf			63 57		63 57
St. Andrews, wharf	13 27		210 93		224 20

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
New Brunswick—Concluded					
St. John, harbour improvements:—					
Courtenay Bay		796,785 68			796,785 68
Dry Dock subsidy				109,656 99	109,656 99
Fort Dufferin, breastworks			3,825 86		3,825 86
Negro Point, breakwater				730 00	730 00
Partridge Island, wharf			2,839 84		2,839 84
St. John West, piers, sheds, and dredging	18,867 72	26,722 65	17,642 99		63,233 36
St. Marys, wharf			49 17		49 17
St. Stephen, wharf			32 50		32 50
Scotchtown, wharf			210 20		210 20
Seal Cove, breakwater			26 45		26 45
Shippigan, Comeau's wharf	1,968 51				1,968 51
" Loggie's wharf	4,294 93				4,294 93
" Gully, breakwaters			1,941 17		1,941 17
" Harbour, wharf			2,371 26		2,371 26
Stonehaven, wharf			99 75		99 75
Tabucintac, wharf			9 63		9 63
Thomas Creek, wharf		147 90			147 90
Welchpool. wharf			918 29		918 29
Welsh's Cove, wharf			25 00		25 00
White's Bluff, wharf			9 70		9 70
Wilson's Beach, breakwater-wharf			15 00		15 00
Generally				922 71	922 71
Totals, New Brunswick	102,922 66	832,950 50	59,380 73	111,309 70	1,106,563 59
Québec—					
Amherst, see Pointe Shea					
Anse à Beaufils, wharf	49 00	5,926 98			5,975 98
Anse à Cote	209 95				209 95
Anse à Coulombe	249 93				249 93
Anse à David Therrien	349 40				349 40
Anse à Gilles, wharf			11 86		11 86
Anse à Isaie Vallee	250 00				250 00
Anse à l'Eau (Tadoussac) wharf	874 32		3,575 16		4,449 48
Anse à Philippe Bouchard	61 00				61 00
Anse à Valleau	424 08				424 08
Anse aux Gascons, wharf	350 00	23,117 71			23,467 71
Anse aux Griffons, wharf			1,509 12		1,509 12
Anse Brule (Chlorydormes)	380 04				380 04
Anse des Quinze Collets	627 07				627 07
Anse du Cap, see Cape Cove.					
Anse Ste. Croix	351 43				351 43
Anse St. Jean, wharf			1,733 22		1,733 22
Aylmer, wharf			500 54		500 54
Bagotville, see St. Alphonse.					
Barachois de Malbaie, wharf	43 50	2,712 88	3 50		2,759 88
Batiscan, wharf	5,766 69		32 90		5,799 59
Beauharnois	9,551 01				9,551 01
Beaulac (Garthby) wharf			875 00		875 00
Beloeil, protection piers		393 12	289 33	150 00	832 45
Bersimis, wharf			128 52		128 52
Berthierville, wharf	123 48	2,947 91	91 46	9 00	3,171 85
Bic, wharf			5,258 08		5,258 08
Bonaventure East, breakwater			435 72		435 72
Bonaventure, protection works			1,109 57		1,109 57
Bromptonville, protection works			3,101 75		3,101 75
Bryant's Landing, wharf			237 95		237 95
Cabano, wharf			54 03		54 03
Cacouna, wharf			5 00		5 00
Cap à l'Aigle, wharf			1,228 41		1,228 41
Cap Chat, training jetty	360 00	1,350 84			1,710 84
Cape Cove (Anse du Cap) wharf			1,000 00		1,000 00

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Québec—Continued					
Cap des Rosiers (Reader's Cove)	198 00				198 00
Cap St. Ignace, wharf			1,983 53		1,983 53
Carleton, wharf			923 63		923 63
Caughnawaga	3,550 68				3,550 68
Champlain, wharf				25 00	25 00
Charlemagne	8,436 13				8,436 13
Chateau Richer, wharf			1,477 60		1,477 60
Chicoutimi Basin, wharf			1,663 13		1,663 13
Chicoutimi, wharf			9,565 51		9,565 51
Contrecoeur, wharf			232 62		232 62
Coteau Landing, wharf			729 23		729 23
Cote Ste. Catherine, wharf		1,808 42			1,808 42
" protection works		939 19			939 19
Deschambault, wharf	14 61				14 61
D'Israeli, wharf			73 13		73 13
Dorval	5,431 66				5,431 66
Doucet's Landing	95 75				95 75
Douglastown, wharf			109 90		109 90
Dunn's Cove	150 00				150 00
East Templeton, wharf			1,210 85		1,210 85
Echourie	288 31				288 31
Fabre, wharf			5,009 17		5,009 17
Fame Point	99 00				99 00
Fassett, wharf			129 33		129 33
Father Point, wharf			2,279 82		2,279 82
Fort Coulonge, wharf			229 75		229 75
Fox River (Riv. aux Renards) wharf and shed		400 00	2,162 19		2,562 19
Garthby, see Beaulac.					
Gaspe, deep water wharf		21,656 24	207 48		21,863 72
Georgeville, wharf			1,030 79		1,030 79
Grande Anse (Gaspe)	202 93				202 93
Grande Entree, Magdalen Islds., wharf			250 00	10 00	260 00
Grande Rivière (Gaspe) wharf extension	581 60	2,819 05			3,400 65
Grindstone, Magdalen Islds., protection works		3,609 32			3,609 32
Grondines, wharf		2,074 51		19 25	2,093 76
Grosse Isle, Quar. station	3,854 75				3,854 75
" " East wharf			2,658 31		2,658 31
" " West wharf			3,138 24		3,138 24
Grosse Roche, wharf			1,147 93		1,147 93
Harricanaw River	14,053 89				14,053 89
High Falls (Riv. du Lièvre) wharf			19 10		19 10
Honfleur, wharf			380 14		380 14
Hospital Bay (Magdalen Islds.) wharf			42 00		42 00
House Harbour (Havre aux Maisons), Magdalen Islands, wharf			429 31		429 31
Hull, wharf			556 09		556 09
Iberville, wharf	62 00		1,119 15		1,181 15
Ile aux Coudres, wharf			416 61		416 61
Ile aux Grues, North side, wharf			1,066 82		1,066 82
Ile Perrot (North) wharf			341 64		341 64
" (South) wharf			491 68		491 68
Ile Verte (Village) wharf			498 62		498 62
Jersey Cove, wharf	150 50		252 50		403 00
Kamouraska, wharf			349 30		349 30
Knowlton's Landing, wharf		190 79			190 79
Lac des Iles (Mathe) wharf			615 00		615 00
Lachine, wharf	302 18		14 74		316 92
Lacolle, wharf			357 71		357 71
La Malbaie (St. Etienne) wharf	452 95	5,993 40			6,446 35
Lanoraie, wharf			811 10	35 75	846 85
Lauzon "Champlain" dry dock		10,489 16		45,187 92	55,677 08
Lauzon "Lorne" dry dock				32,088 86	32,088 86

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued					
Lavaltrie, wharf		2,796 17		130 22	2,926 39
Les Eboulements, wharf			1,107 87		1,107 87
Les Grandes Bergeronnes, wharf			50 00		50 00
L'Islet, wharf			2,036 20		2,036 20
Longueuil	47 17				47 17
Lotbiniere (Le Platon)	1,446 16				1,446 16
Lotbiniere, wharf			2,206 18		2,206 18
Magog, wharf			351 60		351 60
Malbaie (Gaspe Co.) wharf			195 52		195 52
Masson, wharf			101 80		101 80
Matane Harbour, improvements	2 85	11,422 79	5,290 28		16,715 92
Megantic, wharf			25 00		25 00
Mille Vaches, wharf			2,769 81		2,769 81
Mistassini, wharf			627 59		627 59
Montebello, wharf			654 30		654 30
Montmagny, wharf	21,724 65		215 27		21,939 92
Moose Bay, wharf			496 99		496 99
Mont Louis, wharf			599 33		599 33
Montreal Floating Dock (subsidy)				210,000 00	210,000 00
Murray Bay, see La Malbaie					
Natashquan, wharf			9 50		9 50
New Carlisle, wharf			999 93		999 93
Newport, reconstruction of jetties		3,029 87			3,029 87
New Richmond, wharf			4,350 62		4,350 62
Nicolet, wharf (upstream)			818 84		818 84
Nicolet (Lower) wharf, etc			360 34		360 34
Nominingue, wharf			24 92		24 92
North Cove	351 73				351 73
Norway Bay (Ottawa Riv.) wharf			1,397 32		1,397 32
Notre Dame des Sept Douleurs (Ile Verte) Western wharf approach		6,854 25			6,854 25
Notre Dame du Lac, wharf			103 27		103 27
Papineauville, wharf			1,787 29		1,787 29
Peel Head Bay, wharf			100 50		100 50
Percé, wharf			227 99		227 99
Peribonka, wharf			830 68		830 68
Petit Cap	298 49				298 49
Petit Saguenay, wharf			3,038 74		3,038 74
Phillipsburg, wharf		2,001 42			2,001 42
Pierreville, wharf	5,891 61		633 65		6,525 26
Pointe a Elie (Magdalen Islds.) breakwater	53 50	10,593 59			10,647 09
Pointe a la Fregate	298 90				298 90
Pointe aux Anglais	68 00				68 00
Pointe au Pic (Murray Bay) wharf	2,550 10	1,950 41			4,500 51
Pointe aux Trembles (Neuville) wharf			8,519 74		8,519 74
Pointe Bourque (Bonaventure) crib-work			300 01		300 01
Pointe Cavagnole, wharf reconstruction	50 37	4,117 75			4,168 12
Pointe Fortune, wharf	35 39		110 67		146 06
Pointe Jaune	395 64				395 64
Pointe Madeleine, wharf				900 00	900 00
Pointe Piche (Timiskaming) wharf			2,810 21		2,810 21
Pointe Shea, Amherst, (Magdalen Islds.) pier			6,005 90		6,005 90
Poltimore, new landing		2,999 69			2,999 69
Port Alfred	14,630 31				14,630 31
Port Daniel, wharf			5,065 59		5,065 59
Québec Harbour (Riv. St. Charles)		36,691 48			36,691 48
" King's wharf	3,198 92				3,198 92
Quyon, wharf			311 08		311 08
Repentigny, wharf	37 78	2,304 88		23 00	2,365 66
Rigaud, wharf	9,234 87	300 00	175 25		9,710 12
Rimouski, harbour improvements	26,167 94	11,955 69		2,324 97	40,448 60
Rimouski River, breakwater			67 50		67 50

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Québec—Continued.					
Rivière à la Loupe	1,007 70				1,007 70
Rivière aux Renards, see Fox River.					
Rivière aux Vases (Chicoutimi Co.) wharf			490 23		490 23
Rivière Blanche (Matane Co.) wharf.			2,506 50		2,506 50
Rivière des Vases (Temiscouata Co.) wharf			249 60		249 60
Rivière du Lièvre, Lock and Dam		1,170 95		2,961 15	4,132 10
" " wharfs			129 35		129 35
Rivière du Loup (en haut)	86 09				86 09
" " (en bas), wharf			1,790 22		1,790 22
Rivière Nicolet, jetty	7,623 39		479 00		8,102 39
Rivière Ouelle, wharf			43 42		43 42
Rivière St. Francois	124 24				124 24
Roberval, wharf			3,583 19		3,583 19
Ruisseau à la Patate	294 25				294 25
Ruisseau à la Loutre, wharf		1,112 97			1,112 97
Ruisseau des Olives	249 30				249 30
Ruisseau Harbour (Havre du Ruisseau)	252 04				252 04
Ruisseau Jacob Hughes	897 42				897 42
Ste. Adelaide de Pabos	70 50				70 50
St. Alexis, wharf			3,349 11		3,349 11
St. Alphonse de Bagotville, wharf			3,741 64		3,741 64
St. Anicet, wharf			1,996 73		1,996 73
Ste. Anne de Beaupre, wharf			7,096 51		7,096 51
Ste. Anne de Bellvue, wharf			332 05		332 05
Ste. Anne de Chicoutimi, wharf			4,399 05		4,399 05
Ste. Anne de la Pocatiere, wharf			382 44		382 44
Ste. Anne des Monts, wharf, etc			8,791 72		8,791 72
Ste. Anre de Sorel, wharf			341 88		341 88
St. Antoine de Richelieu (Vercheres) wharf		1,614 31			1,614 31
St. Antoine de Tilly, wharf		5,154 69			5,154 69
St. Antoine Station, wharf			1,819 38		1,819 38
St. Charles de Caplan, wharf			1,949 52		1,949 52
St. Charles de Richelieu, wharf			593 87		593 87
St. Dominique (Temiscouata) wharf			45 10		45 10
Ste. Emelie (Leclercville) wharf	943 28		426 92		1,370 20
Ste. Famille (Ile d'Orleans) wharf			7,317 26		7,317 26
St. Francois du Lac, wharf			402 31		402 31
St. Francois (Ile d'Orleans) wharf, north side			898 13		898 13
St. Francois (Ile d'Orleans) wharf, south side			15 00		15 00
St. Fulgence, wharf			1,004 88		1,004 88
St. George de Malbaie, breakwater			471 92		471 92
Ste. Geneviève de Batiscan, wharf			414 63		414 63
St. Hilaire, wharf			136 58		136 58
St. Irénée les Bains, wharf	121 50		4,213 07		4,334 57
St. Jean Deschaillons, wharf	1,158 35		4,781 10		5,939 45
St. Jean (Ile d'Orléans) wharf	2,868 25		3,008 50		5,876 75
Ste. Jeanne Ile Perrot	2,096 96				2,096 96
St. Jean Port Joli, wharf			22 50		22 50
St. Jérome (Lake St. John) wharf			495 80		495 80
St. Johns, guide piers, River Richelieu			443 99		443 99
St. Joseph de Sorel, wharf			793 77		793 77
St. Joseph de Vauvert (Saguenay-Chicoutimi) wharf			97 20		97 20
St. Laurent (Ile d'Orléans) wharf			8,252 67	10 00	8,262 67
Ste. Luce, wharf			249 99		249 99
St. Mathias, wharf		874 75			874 75
St. Michel de Bellechasse, wharf			26,674 66		26,674 66
St. Nicholas, wharf			197 75		197 75
St. Omer, wharf		166 51			166 51

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.					
St. Ours (Riv. Richelieu) wharf			20 65		20 65
St. Paul (Ile aux Noix) wharf			750 40		750 40
St. Pierre les Becquets	16 50				16 50
St. Roch des Aulnaies, wharf			189 22		189 22
St. Roch de Richelieu, wharf			1,604 56	29 44	1,634 00
St. Siméon, wharf			3,461 46		3,461 46
St. Sulpice, wharf		660 27			660 27
St. Yvon (Gaspe)	286 40				286 40
St. Zotique, ice breakers		4,484 70			4,484 70
" wharf			1,937 74		1,937 74
Sabrevois, wharf			677 22		677 22
Seven Islands, wharf			1,824 43		1,824 43
Sorel, wharf			2,298 05		2,298 05
Squateck, wharf			50 80		50 80
Stratford Centre, wharf			1,500 09		1,500 09
Strathmore (Jacques Cartier)	158 85				158 85
Tadoussac, see Anse a l'Eau.					
Thurso, wharf			297 95		297 95
Trois Lacs, wharf			496 49		496 49
Trois Pistoles, wharfs			5,358 40		5,358 40
Trois Rivières	4,498 84				4,498 84
Trois Rivières, coal dock			1,390 80		1,390 80
Trois Rivières, wharf		22,052 96			22,052 96
Vaudreuil, wharf		3,655 39			3,655 39
Verchères, wharf			336 79		336 79
Verdun, wharf	620 99	3,274 52	222 93		4,118 44
Ville-Marie, wharf			2,397 10		2,397 10
Woburn, wharf			680 01		680 01
Yamaska, lock and dam				901 00	901 00
Generally	6,307 50			17,195 08	23,502 58
Totals, Québec	174,112 57	227,669 53	249,856 28	312,000 64	963,639 02
Ontario—					
Arnprior, wharf			1,045 44		1,045 44
Aultsville, wharf reconstruction		2,415 28			2,415 28
Barrie (Bayfield St.) wharf			97 25		97 25
Bath (Bay of Quinte)	385 00				385 00
Bayfield, piers			4,359 71		4,359 71
Beaumaris, wharf			3,816 60		3,816 60
Big Bay Point, wharf				95 00	95 00
Blanche River (Timiskaming), impts.		3,084 43			3,084 43
Blind River, wharf (Warehouse)			1,181 39		1,181 39
Brighton, wharf			946 38		946 38
Brockville, wharf			233 08		233 08
Burk's Falls, wharf			145 30		145 30
Burleigh Falls, piers			1,761 66		1,761 66
Byng Inlet	13,966 49				13,966 49
Cape Croker, pier			283 27		283 27
Charlton, wharf			99 64		99 64
Cobourg, breakwater reconstruction	12,314 50	17,386 65			29,701 15
Collingwood, breakwater reconstruction		34,622 55			34,622 55
Collingwood graving dock No. 1 (subsidy)				15,000 00	15,000 00
Collingwood graving dock No. 2 (subsidy)				9,208 96	9,208 96
Collins Bay	3,627 25				3,627 25
Colpoy's, cribwork		496 27			496 27
Cumberland, wharf			70 95		70 95
Depot Harbour, coal dock			942 01		942 01
Fort William, harbour improvements		67,959 87			67,959 87
French River, dams				3,500 19	3,500 19
Gananoque, wharf			194 63		194 63

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario—Continued—					
Goderich Hr., Embankment	50,213 03	1,942 85	8,694 56		60,850 44
Grand Bend, piers			535 78		535 78
Grimsby	32 79				32 79
Haileybury, dockyard			169 27		169 27
" wharfs			5,990 89		5,990 89
Huntsville, wharf			714 08		714 08
Kagawong, wharf			18 50		18 50
Kenora, wharf			48 00		48 00
Kincardine, harbour works	13,369 80	199 69	5,431 23		19,000 72
Kingston	3,479 20				3,479 20
Kingston, dry dock			1,157 63		1,157 63
Kingston Hr., riprapping of causeway		2,870 25			2,870 25
Kingston, maintenance and operation of combined roadway, wharf and bridges				14,567 09	14,567 09
Kingston, R.M.C., bank protection, etc		2,417 06			2,417 06
Kingsville, piers			5,504 94		5,504 94
La Passe, wharf			548 94		548 94
Lake Nipissing (Rock cuts), glance booms			318 00		318 00
Leamington, piers			2,004 59		2,004 59
Lion's Head, breakwater			243 88		243 88
Little Current, rebuilding wharf, etc	2,089 31	3,085 25			5,174 56
L'Orignal, wharf		12,013 61	187 76		12,201 37
MacLarens' Landing, wharf		191 62			191 62
Meaford, pier			5,289 26		5,289 26
Midland, wharf	5,703 63		2,999 22		8,702 85
Millhaven, wharf		2,106 64			2,106 64
Minaki, wharf			50 00		50 00
Mitchell's Bay, revetment wall	185 85	2,656 33			2,842 18
Monetville			138 85		138 85
Montreal River (Latchford), dam				2,436 26	2,436 26
North Bay, wharf reconstruction		19,878 02			19,878 02
Oakville, piers			2,513 08		2,513 08
Oshawa, wharf (warehouse)			1,175 75		1,175 75
Owen Sound, wharf reconstruction		35,435 75			35,435 75
Parry Sound, wharf		14,661 38			14,661 38
Pelee Island, piers	700 00		997 97		1,697 97
Pembroke, wharf			196 46		196 46
Penetanguishene, wharf			920 21		920 21
Point Edward	1,672 64				1,672 64
Point Traverse	32 78				32 78
Port Arthur, Dry Dock (subsidy)				37,741 50	37,741 50
" C.N.R. Elevator "B"	582 00				582 00
" (Bare Pt.) breakwater		69,128 85			69,128 85
" McIntyre River, at mouth	65,160 20				65,160 20
" temporary pile breakwater			7,218 20		7,218 20
Port Burwell, harbour works	43,880 44		25,182 41		69,062 85
Port Bruce, harbour improvements		5,012 14			5,012 14
Port Colborne, breakwaters			33,149 49		33,149 49
Port Dover, pier			2,500 50		2,500 50
Port Elgin, breakwater	32 78	5,940 00			5,972 78
Portland (Leeds Co.), wharf			405 35		405 35
Port Rowan, pier			95 62		95 62
Port Stanley, harbour works	16,799 69		11,119 36		27,919 05
Providence Bay, wharf			2,091 68		2,091 68
Rainy River, wharf			419 08		419 08
Richard's Landing wharf			153 39		153 39
River Thames	10,845 54				10,845 54
Rondeau Harbour improvements		9,916 36			9,916 36
Rosseau, wharf reconstruction		975 24			975 24
Sand Point (Riv. Ottawa) wharf			188 60		188 60
Saugeen River, harbour works			5,367 14		5,367 14

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario—Continued—					
Sault Ste. Marie, harbour works	36,520 64		437 16		36,957 80
Sheguindah, wharf reconstruction		6,037 49			6,037 49
Silver Centre, wharf reconstruction		2,420 36			2,420 36
Silverwater, wharf			1,418 52		1,418 52
Southampton, breakwater			4,000 10		4,000 10
South Lancaster, wharf			317 28		317 28
Sparrow Lake, wharf			171 60		171 60
Sturgeon Falls, wharf			186 91		186 91
Sydenham River	24,022 56				24,022 56
Thornbury wharf			565 45		565 45
Tobermory, glance booms			180 87		180 87
Toronto, harbour improvements:					
Canadian Stewart contract		10,567 23			10,567 23
Roger Miller contract		722,130 15			722,130 15
Eastern Channel	18,040 55		157 00		18,197 55
Western Channel			336 37		336 37
Toronto Island, breakwater protection		43,568 96			43,568 96
Treadwell, wharf			223 25		223 25
Vail's Point, wharf			1,001 86		1,001 86
Wendover, wharf			50 02		50 02
Wheatley, pier			1,849 28		1,849 28
Whitby, piers reconstruction		21,452 34			21,452 34
Wiarton, breakwater-pier			709 24		709 24
Windsor, dock		204 15	57 23	1,770 00	2,031 38
Generally	6,307 49			7,697 45	14,004 94
Totals, Ontario	329,964 16	1,120,776 77	160,579 12	92,016 45	1,703,336 50
Manitoba—					
Assiniboine River, dykes			4,122 45		4,122 45
Big George Island	20,580 29				20,580 29
Delta, protection works		1,578 36			1,578 36
Goose River, Rat Creek (Nelson Co.)	452 85				452 85
Grand Marais (Springfield Co.)	2,248 79				2,248 79
Le Pas, wharf	9,238 13	200 00	10 00		9,448 13
Little Pembina River, dam			814 08		814 08
Red River Channel, protection work			2,733 70		2,733 70
" (Winnipeg) soundings		210 50			210 50
" mouth	11,124 04				11,124 04
" Winnipeg Elec. Ry. 543 23 Less refund 150 00	393 23				393 23
" Winnipeg, Brown & Rutherforth wharf	2,535 07				2,535 07
St. Andrews Rapids, lock and dam	292 16			19,922 90	20,215 06
Selkirk wharf and slip	514 05		3,474 65	2,421 88	6,410 58
Victoria Beach	4,080 59				4,080 59
Generally				2,442 25	2,442 25
Totals, Manitoba	51,459 20	1,988 86	11,154 88	24,787 03	89,389 97
Saskatchewan and Alberta—					
Fort McMurray, wharfage accommodation				435 00	435 00
Horse Creek	3,927 64				3,927 64
Generally				24 65	24 65
Totals, Saskatchewan and Alberta	3,927 64			459 65	4,387 29

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—					
Ainsworth, wharf		502 43			502 43
Argenta, wharf			682 93		682 93
Arrow Lake	1,997 15				1,997 15
Bamberton (Nanaimo)	104 87				104 87
Bamfield, wharf, etc		672 54	26 00		698 54
Barnston Island, wharf			38 50		38 50
Beaton			28 00		28 00
Beaver Point, wharf			966 66		966 66
Bella Bella, wharf			89 73		89 73
Bishop's Landing, float			91 04		91 04
Bold Point, float			230 63		230 63
Boswell, wharf			558 94		558 94
Burdwood Bay, float			40 00		40 00
Burgoyne, wharf			937 08		937 08
Burnaby (Queens Ave.), float			164 15		164 15
Burton, wharf			453 84		453 84
Campbell River, wharf, etc		1,149 58	200 00		1,349 58
Carroll's Landing, wharf		342 22			342 22
Carr's Landing, wharf			3,246 67		3,246 67
Cascade Harbour, float			179 55		179 55
Chemainus Landing, float			8 30		8 30
Chilliwack Lower, landing (shed)			102 32		102 32
Christina Creek, fish screen float		128 00			128 00
Church House, float			185 68		185 68
Coquitlam River		8,113 96			8,113 96
Davis Bay, wharf		5,379 73			5,379 73
Deep Cove, wharf (slip)			31 95		31 95
Deer Park, wharf			35 30		35 30
Deer Rock, Columbia River	11,515 09				11,515 09
Denman Island, float			51 00		51 00
Digby Island, wharf			241 50		241 50
Donatelli's Landing, wharf			499 83		499 83
Eagle Bay-Wanlock, Shuswap Lakes, wharf		3,138 01			3,138 01
Eagle Cliff, float			35 02		35 02
East Arrow Park, wharf		1,083 86			1,083 86
Edgewood, wharf			312 13		312 13
Eight Mile Creek		453 30			453 30
Esquimalt Har., removing piles		522 79			522 79
" new dry-dock		561,766 24			561,766 24
" old dry dock, dolphins		1,402 50			1,402 50
" old dry dock		38,097 52		20,757 48	58,855 00
" Naval Dockyard, wharf			51 80		51 80
Ewing's Landing, wharf (shed)		348 76			348 76
Fanny Bay, wharf		13 18			13 18
Fernwood, wharf			20 20		20 20
Forest Glen, Columbia River	1,736 52				1,736 52
Fraser River Improvements—					
Annieville Bar, protection works			6,542 25		6,542 25
Lower (upper portion)	2,275 51				2,275 51
Nicomen Island, Dam No. 3	725 95	2,781 98			3,507 93
North Arm	18,763 15				18,763 15
Paper Mills	3,495 78				3,495 78
Sandheads	4,576 61				4,576 61
Snagboat, *Samson*				23,473 37	23,473 37
Steveston Jetty		36,667 27			36,667 27
Woodward Cut	51,933 50				51,933 50
Generally	5,983 77				5,983 77
Fulford Harbour, wharf			27 20		27 20
Galena, wharf		2,796 86			2,796 86
Ganges Harbour, wharf			417 85		417 85
Gibson's Landing, wharf			563 64		563 64
Gillies Bay, wharf			260 56		260 56

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued.					
Gleneden, wharf			112 25		112 25
Gower Point, float			236 55		236 55
Gowland Harbour, float		1,486 73			1,486 73
Grace Harbour, wharf		243 85			243 85
Granite Bay, float)			18 00		18 00
Grantham's Landing, float		301 80			301 80
Grey's Creek, wharf			233 32		233 32
Halcyon, wharf			67 00		67 00
Haney, wharf			237 28		237 28
Hardy Bay, wharf			1,210 57		1,210 57
Harrop, wharf			114 07		114 07
Hatzic, wharf			7 00		7 00
Heriot Bay, wharf			103 15		103 15
Hope Bay (Pender Island), wharf			287 33		287 33
Hopkins Landing, wharf			98 98		98 98
Hornby Island, wharf		1,840 00			1,840 00
Ioco (Sunnyside), wharf		460 00			460 00
Irvings Landing, wharf			5 00		5 00
Johnson's Landing, wharf			288 50		288 50
Kaslo, wharf			1,681 87		1,681 87
Kincolith, wharf		270 83			270 83
Kootenay Lake, dolphins		296 17			296 17
Kootenay Landing	4,769 14				4,769 14
Kuper Island, wharf			3,955 45		3,955 45
Ladner	6,684 25				6,684 25
Langley, wharf			183 25		183 25
Long Beach, wharf			36 00		36 00
Lund, wharf			21 58		21 58
McAdam's, wharf			45 95		45 95
McDonald's Landing, wharf		35 50			35 50
McKay's, wharf			100 20		100 20
Matsqui, wharf			52 36		52 36
Mayne Island, wharf			141 27		141 27
Miller's Landing, float			69 39		69 39
Mirror Lake, wharf			155 90		155 90
Mission, wharf			45 50		45 50
Mount Lehman, wharf			140 53		140 53
Musgrave's, wharf			3,395 23		3,395 23
Nakusp	160 25				160 25
Naramata, wharf (shed)		25 65			25 65
Needles, wharf			497 78		497 78
New Masset, wharf		294 19			294 19
New Westminster, wharf			38 73		38 73
Okanagan, control-man			1,572 80		1,572 80
Osland Park, float and approach		4,010.81			4,010 81
Penticton, wharf			152 53		152 53
Pitt Lake	1,775 24				1,775 24
Poplar Island	1,125 34				1,125 34
Port Clements, wharf			189 00		189 00
Port Kells, wharf			56 55		56 55
Port Moody, wharf approach			1,145 40		1,145 40
Port Renfrew, wharf reconstruction		35 00			35 00
Powell River, wharf			27 85		27 85
Prince Rupert, float			126 55		126 55
" floating dock (subsidy)				153,941 76	153,941 76
Quatsino, wharf			6,106 78		6,106 78
Queens Bay, wharf			1,308 64		1,308 64
Queen Charlotte City			3,633 19		3,633 19
Renata, wharf			469 66		469 66
Riverside, wharf	882 19		765 85		1,648 04
Robert's Bay, float			49 27		49 27
Robert's Creek, wharf			196 00		196 00
Roy, float			426 95		426 95
Ruskin, wharf			24 00		24 00
Saanichton, wharf			595 55		595 55

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued.					
Salmon Arm, wharf			4,334 81		4,334 81
Snug Cove, wharf			22 93		22 93
Sorrento, wharf			1,067 88		1,067 88
Squamish, wharf	8,669 04		493 83		9,162 87
Squirrel Cove, wharf			202 97		202 97
Stag Bay, float			95 15		95 15
Stewart, wharf		2,655 19			2,655 19
Sturdie's Bay, Galiano Isld., wharf			1,429 45		1,429 45
Summerland, wharf		522 10			522 10
Sumas	4,166 35				4,166 35
Sunshine Bay, wharf			919 14		919 14
Syringa Creek, wharf			23 55		23 55
Tatchi River, improvements		3,208 60			3,208 60
Tofino, wharf			1,416 44		1,416 44
Sandspit Point, wharf reconstruction		1,018 14			1,018 14
Savary Island, wharf			957 12		957 12
Sayward (Salmon River), wharf			1,189 05		1,189 05
Seaside Park, float			526 51		526 51
Seymour Arm, wharf			855 74		855 74
Shuswap Lake, piling	248 71	202 35			451 06
Sidney Landing, slip		877 28			877 28
Sidney wharf, water pipe		142 91			142 91
Skeena River	13,782 99				13,782 99
Skidegate, wharf			1,105 37		1,105 37
Tucker Bay (Lasquetti Isld.), wharf			362 75		362 75
Two Beacon Bar, Columbia River	1,443 25				1,443 25
Ucluelet, wharf (west side)		2,769 77			2,769 77
Union Bay, wharf			1,710 80		1,710 80
Van Anda, wharf, etc		4,777 19	1,286 43		6,063 62
Vancouver, Stanley Park, foreshore protection		9,991 51			9,991 51
Vesuvius, wharf			10 00		10 00
Victoria Harbour	70,963 66				70,963 66
Welcome Harbour, float			88 98		88 98
Westbank, wharf		2,285 40			2,285 40
West Demars, wharf			189 00		189 00
Whaletown, wharf			475 32		475 32
White Rock, wharf, maintenance of alarm bell			2,096 55	93 53	2,190 08
Whonnock, wharf			616 73		616 73
William's Head, Quar. Station, wharfs			481 09		481 09
Willow Point, wharf			1,024 33		1,024 33
Generally				9,753 36	9,753 36
Totals, British Columbia	217,778 31	703,111 70	70,728 73	208,019 50	1,199,638 24
Yukon Territory—					
Stewart River, improvements		2,568 10			2,568 10
Total, Yukon Territory		2,568 10			2,568 10
Harbours and Rivers, Generally—					
General expenses of staff, etc				9,395 53	9,395 53
Salaries of district engineers, assistants, etc				491,523 57	491,523 57
Test borings for sundry projected works		13,855 99			13,855 99
Totals, Generally		13,855 99		500,919 10	514,775 09

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	——	Construction and Improvements	Repairs	Staff and Maintenance	Total
DREDGING PLANT	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Maritime Provinces			5,475 63		5,475 63
Ontario and Quebec			15,967 70		15,967 70
Manitoba, Saskatchewan and Alberta		40,706 31	3,078 17		43,784 48
British Columbia		26,748 61	12,744 75		39,493 36
Totals, Dredging Plant		67,454 92	37,266 25		104,721 17
ROADS AND BRIDGES					
Maritime Provinces—					
Edmundston, N.B., International bridge		4,308 29			4,308 29
St. Leonard, N.B., International bridge			1,477 40		1,477 40
Quebec and Ontario—					
Bryson bridge		12,566 48			12,566 48
Burlington Channel, new bridge		37,762 69		6,334 26	44,096 95
Hawkesbury-Grenville, interprovincial bridge		180 16			180 16
Matapedia, interprovincial bridge			1,645 03		1,645 03
Ottawa city, bridges and streets maintained by Government:—					
Connaught Place and Wellington St.				5,612 59	5,612 59
Laurier bridge			384 12		384 12
New Chaudiere bridge			2,082 36		2,082 36
Lighting all above				1,287 30	1,287 30
Portage du Fort, bridge			1,852 30		1,852 30
York bridge (Grand River)			121 25		121 25
Manitoba, Saskatchewan and Alberta—					
Edmonton bridge			7,438 73		7,438 73
Netley Cut bridge, Man			1,020 44		1,020 44
St. Andrews (Red River), river bank and road			78 20		78 20
Shellmouth bridge			215 00		215 00
Totals, Roads and Bridges		54,817 62	16,314 83	13,234 15	84,366 60
TELEGRAPH AND TELEPHONE LINES					
Cape Ray—Newfoundland				250 00	250 00
Maritime Provinces—					
Bay of Fundy lines				4,377 82	4,377 82
Cape Breton lines				38,229 33	38,229 33
Chatham-Escuminac lines				3,091 94	3,091 94
Quebec Mainland—					
Dorchester County lines				246 93	246 93
North Shore, east of Bersimis				42,300 82	42,300 82
" west of Bersimis				25,213 99	25,213 99
Quebec County lines				2,513 88	2,513 88
Timiskaming lines				3,624 70	3,624 70
Quebec Islands—					
Anticosti system				10,612 59	10,612 59
Cable ship *Tyrian*				82,898 74	82,898 74
Grosse Ile, Isle aux Coudres and Island of Orleans system				9,819 28	9,819 28
Magdalen Islands system				7,516 25	7,516 25
Maritime Provinces and gulf generally				9,210 37	9,210 37

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	——	Construction and Improvements	Repairs	Staff and Maintenance	Total
TELEGRAPH AND TELEPHONE LINES	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario—					
Pelee Island system				1,560 19	1,560 19
Saskatchewan and Alberta—					
Saskatchewan system		3,377 80	1,170 00	71,174 89	75,722 69
Alberta system			1,980 24	107,524 20	109,504 44
British Columbia and Yukon—					
Ashcroft-Dawson system		2,302 72		255,183 90	257,486 62
British Columbia mainland system		35,944 29		103,049 21	138,993 50
British Columbia Vancouver Island system		6,273 06		128,982 75	135,255 81
Telegraph Service, generally				1,458 73	1,458 73
Totals, Telegraph and Telephone Lines		47,897 87	3,150 24	908,840 51	959,888 62
MISCELLANEOUS					
Surveys—					
Maritime Provinces				23,536 93	
Quebec				35,726 11	
Ontario				23,731 11	
Manitoba				3,895 42	
Saskatchewan and Alberta				433 60	
British Columbia				14,410 57	
Generally				738 95	102,472 69
Upper Ottawa Storage Dams—					
Land damages		1,326 89			1,326 89
Quinze dam				13,139 64	13,139 64
Timiskaming dam				23,234 39	23,234 39
Accounts Branch, salaries and travelling expenses of agents, clerks, etc., of outside service				21,026 02	21,026 02
Gratuities to widows or representatives of 31 deceased employees under Civil Service Amendment Act				5,410 73	5,410 73
Memorial to the late Lt.-Col. H. Baker, M.P		82 75			82 75
Monument to the memory of the late Thos. d'Arcy McGee		1,900 00			1,900 00
Operation and maintenance of inspection boats				11,347 03	11,347 03
River gaugings and metering				44,801 35	44,801 35
Collection of Public Works Revenues				3,771 88	3,771 88
Public Service Retirement Act—Gratuities				25,552 05	25,552 05
Cost of living bonus				338,353 78	338,353 78
Increase in salaries due to application of classification of C.S. (Vote 577)				1,068 71	1,068 71
Compensation to J. D. Niblock in full of all claims for injuries received while working on public building at Weyburn, Sask				500 00	500 00
Totals, Miscellaneous		3,309 64		590,678 27	593,987 91

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1923.—*Continued.*

Name of Work	Dredging	Construction and Improvements	Repairs	Staff and Maintenance	Total
RECAPITULATION	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Totals, Public Buildings—					
Nova Scotia		51,850 93	22,156 38	103,114 55	177,121 86
Prince Edward Island		4,747 60	4,455 70	18,010 63	27,213 93
New Brunswick		49,548 04	12,779 03	99,556 52	161,883 59
Quebec		158,228 86	67,067 95	584,585 93	809,882 74
Ottawa		760,046 69	179,628 83	2,172,085 94	3,111,761 46
Ontario (excluding Ottawa)		156,389 14	80,962 28	582,474 97	819,826 39
Manitoba		34,963 36	16,174 51	162,285 54	213,423 41
Saskatchewan		28,161 85	18,343 44	130,484 79	176,990 08
Alberta		29,404 08	25,359 75	218,681 39	273,445 22
British Columbia		53,403 36	35,215 08	209,785 25	298,403 69
Yukon				40,019 43	40,019 43
Public Buildings, Generally		11,690 72	237 60	99,286 10	111,214 42
Totals, Harbours and Rivers—					
Nova Scotia	327,492 83	111,104 61	200,175 49	532 28	639,305 21
Prince Edward Island	68,523 85	13,965 85	12,554 79	280 51	95,325 00
New Brunswick	102,922 66	832,950 50	59,380 73	111,309 70	1,106,563 59
Quebec	174,112 57	227,669 53	249,856 28	312,000 64	963,639 02
Ontario	329,964 16	1,120,776 77	160,579 12	92,016 45	1,703,336 50
Manitoba	51,459 20	1,988 86	11,154 88	24,787 03	89,389 97
Saskatchewan and Alberta	3,927 64			459 65	4,387 29
British Columbia	217,778 31	703,111 70	70,728 73	208,019 50	1,199,638 24
Yukon		2,568 10			2,568 10
Harbours and Rivers, Generally		13,855 99		500,919 10	514,775 09
Totals—					
Dredging Plant		67,454 92	37,266 25		104,721 17
Roads and Bridges		54,817 62	16,314 83	13,234 15	84,366 60
Telegraph and Telephone Lines		47,897 87	3,150 24	908,840 51	959,888 62
Miscellaneous		3,309 64		590,678 27	593,987 91
Grand totals of expenditures	1,276,181 22	4,539,906 59	1,283,541 89	7,183,448 83	14,283,078 53

CONTRACTS, DEEDS AND LEASES

LAW BRANCH, P.W.D.

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.

Works			Names of Contractors	Date of Contract	Amount
		PUBLIC BUILDINGS			
		Nova Scotia			
Baddeck	Post office	Alterations and additions to fittings.	Peter L. McFarlane	Nov. 7, 1922	$ 858 00
Canso	"	Supply and installation of hot water furnace and additional radiation in.	Jeffrey Sampson	Aug. 31, 1922	1,075 00
Clark's Harbour	"	Alterations and additions to fittings.	Geo. W. Thompson	Nov. 13, 1922	856 00
		New Brunswick			
Partridge Island (Quar. Stn.) (St. John)		Disinfector retorts. Supply and installation	J. E. Kane & J. S. Parker	May 27, 1922	4,400 00
St. John	Savings Bank building	Supply and installation of steam boiler in.	St. John Plumbing Supply Co.	Aug. 21, 1922	898 00
Tracadie	(Lazaretto)	Two hot water furnaces	" "	Aug. 21, 1922	1,775 00 less allowance of $75.00 for old furnace.
		Quebec			
Hull	Armoury	Alterations to 3rd floor of 29 Main St.	McGrath Lumber Company	July 4, 1922	750 00
"	Animal House-Research Stn.	Construction of	Alyre LeBlanc	Nov. 10, 1922	1,025 00
Lévis	Post office and Custom House	Agreement to furnish competent water service and sewerage services for domestic and sanitary use.	The City of Lévis	5 years from July 1, 1922	250 00 per annum
Montreal	"Lavut building"	Supply and installation of post office fittings.	The J. T. Schell Company	Dec. 29, 1922	1,795 00
Quebec	Custom House, post office and examining warehouse.	Agreement *re* supply competent water and sewerage services for domestic and sanitary use.	City of Quebec	5 years from May 1, 1922	3,500 00 per annum
"		Removal of buildings from the Amyot lot	City of Quebec	Sept. 15, 1922	345 00

Quebec	Supply of necessary current to operate electric lamps, motors, etc., in post office, immigration, customs examining warehouse, etc.		Public Service Corporation	Jan. 24, 1923	Schedule of rates (5 years from 1st Nov. 1922.)
"	Supply of necessary current to operate electric lamps, motors, etc., in St. Roch post office, Gov. General's quarters, St. Sauveur post office and postal station "B."		The Quebec Railway, Light, Heat & Power Co., Ltd.	Jan. 24, 1923	" "
Sorel	Post office	New street receiver	Jos. Cardin Fils	Mar. 5, 1923	$ 225 00
Ste. Anne de Bellevue	Military hospital	Alterations to new verandah	Jos. Saint Pierre	Apr. 1, 1922	1,500 00
Terrebonne	Public building	Plumbing and heating	J. W. Gravel	Mar. 12, 1923	3,925 00
Westmount (Montreal)	Ordnance stores building	New heating system in	Conroy Bros.	Oct. 13, 1922	6,500 00
"	" "	New freight elevator and alterations to present elevator enclosure.	J. E. D. Brazeau	Oct. 17, 1922	7,000 00
Ontario					
Hamilton	Postal station "B"	Alterations to, and installation of elevator therein.	Kennedy Connor	Jan. 22, 1923	6,200 00
Kingston	R.M.C.	Grading, etc., next to Riding School.	Peter J. McCoy	Oct. 3, 1922	1,988 35 and $1.75 for additions and deductions to contract
London	Custom House	Repairs to roof and exterior painting of building.	J. G. Fitzgerald	July 6, 1922	2,267 00
"	Post office	Painting of	Geo. Burdick & Son	July 24, 1922	1,838 00
"	" and Carling building	Agreement *re* heating same by supplying steam from their central steam-heating plant.	Greene-Swift Limited	Aug. 4, 1922	900 00 to be paid within 30 days of completion of same and heat supplied to be based on and paid according to amount of steam used, viz.:— For 1st 10,000 pounds $1.50 per 1,000 pounds. For next 25,000 pounds $1.40 per 1,000 pounds For next 50,000 pounds $1.30 per 1,000 pounds and for all used in excess of foregoing $1.00 per 1,000 pounds.
Ottawa	Rideau Hall	New verandah. Construction of	Gilmour Construction Company	July 21, 1922	2,395 00
"	"King Edward Memorial"	Casting of two large bronze figures for.	Architectural Bronze & Iron Works of Canadian Allis-Chalmers, Ltd.	Aug. 1, 1922	6,000 00
"	Printing Bureau	Automatic fireproof rolling doors	A.B. Ormsby Co. Limited	Nov. 1, 1922	5,742 00
"	"Connaught building"	Structural steel-mezzanine floor for filing cases.	Dominion Bridge Co., Ltd.	Mar. 28, 1923	2,130 00
"	"	Steel grille floor stairway for filing cases.	" "	Mar. 28, 1923	1,830 00
Port Arthur	Post office	Alterations and additions to fittings.	Robert Hamer	Mar. 19, 1923	2,706 00

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Continued.*

Works			Names of Contractors	Date of Contract	Amount
PUBLIC BUILDINGS—*Continued*					
Ontario—Continued					
Port Hope	Public building	Electric wiring and fittings	Harris Brothers	Aug. 15, 1922	$ 1,340 00 and $10.00 as additional sum for each single light required in excess of number specified in contract and a similar sum to be deducted from contract price for any single light which may be cancelled.
Prescott	Alterations to public building and to fittings		Geo. A. Armstrong	Nov. 18, 1922	3,200 00
Sudbury	Post office	Alterations and additions to fittings.	The J. T. Schell Company	Sept. 9, 1922	2,873 00
Toronto	Postal station "A"	Covered trucking shelter	Reid & Browns Structural Steel & Iron Works, Ltd.	June 29, 1922	3,865 00
Manitoba					
Dauphin	Post office	Alterations to fittings	Chas. B. Steen	Feb. 19, 1923	577 52
Winnipeg	Tuxedo Military Hospital	Alterations to power house	The Standard Plumbing & Heating Company.	May 12, 1922	4,760 00
"	Customs examining warehouse	Alterations to boiler setting and new smoke breeching.	Green & Litster Ltd	Sept. 14, 1922	3,666 00
"	Tuxedo Military Hospital	Partitions in power house	Wyatt-Ireland, Ltd	Oct. 21, 1922	1,030 00
"	Post office	Alterations, etc., to interior fittings.	Wyatt-Ireland, Ltd	Dec. 18, 1922	2,648 00
Alberta					
Calgary	Customs examining warehouse	Alterations to ladies laboratory	Simpson & Liddell	Aug. 23, 1922	469 00
Edmonton	Post office	Alterations to electric lighting	Corey Electric Co	Oct. 11, 1922	815 50
"	"	" fittings	John Dunlop	Oct. 13, 1922	5,306 00
Grande Prairie	Post office, Dom. lands and telegraph office building.	Alterations to	H. L. Shaver	Feb. 22, 1923	11,680 00

Saskatchewan					
Moosejaw	Public building	Customs fittings	The Western Mfg. Co., Ltd	Aug. 4, 1922	$ 1,214 00
Regina	Laird warehouse	Alterations to	Poole Construction Co	Aug. 23, 1922	4,402 00
Saskatoon	Public building	Alterations to post office fittings.	A. B. Hay	Oct. 20, 1922	500 00
British Columbia					
Esquimalt	Naval dock yard	Heating apparatus in "Administration building" and in senior officer's residence.	Wm. Thacker & Geo. Holt	Feb. 6, 1923	4,052 00
"	Naval barracks	One shed and search-light platform.	E. Williams & S. C. Trerise	Feb. 6, 1923	6,480 00
"	Naval dock yard	Alterations to buildings Nos. 1 to 8 and parade grounds, latrine building and alterations to Administration building.	Parfitt Bros., Limited	Mar. 16, 1923	24,810 00
Vancouver	Post office	Alterations to electric wiring and fittings.	C. D. Shaw Brothers	Feb. 3, 1923	1,526 70
Arctic Regions					
Arctic Regions	R.C.M.P.	Construction of 4 main houses, 3 storehouses, 3 blubber houses and 4 latrines.	O. A. Gignac	July 7, 1922	10,250 00
Nova Scotia					
Canso (Whitman's Wharf)	Dredging on shoal to the eastward		W. McFatridge	Sept. 15, 1922	$100.00 per day of 10 working hours for supply of plant, etc., doing work consisting in cleaning up broken rock, etc., and deduction of $5.00 per day to be made from rental for time lost amounting to 5 hours or more lost at one time due to stress of weather.
Canso	Wharf	Construction of	The Sydney Construction Co., Ltd.	Oct. 21, 1922	Unit prices
Chimney Corner	Breakwater wharf	Extension to	W. E. Landry	Sept. 12, 1922	Unit prices
Devil's Island	Breakwater	Repairs and extension to	D.G. Kirk & Son, Ltd	Nov. 8, 1922	Unit prices
Digby	Dredging	Class "B" (in situ)	James Stuart Gregory	Sept. 6, 1922	$0.40 cts. (per cu. yd.) in situ.
Friar's Head	Breakwater improvements		E. M. Dickson	Oct. 14, 1922	Unit prices
Melford	Wharf	Repairs to	Thomas D. Morrison	Aug. 22, 1922	$0.12½ per cu. ft.
Pictou Harbour	Dredging at pier of Acadia Coal Co	Class "B" (scow meas.)	Glasgow Dredging Company	Mar. 17, 1923	0.70 cts. (per cu. yd.) scow meas.
Port Hood	Public wharf	Repairs to	The Sydney Cons. Company, Ltd.	Jan. 20, 1923	Unit prices

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Continued.*

Works			Names of Contractors	Date of Contract	Amount
		HARBOURS AND RIVERS—*Continued*			
		Nova Scotia—Continued			
Yarmouth	Removal of Bunker Island Light shoal and removal of Bunker Island light after abandonment by Marine Department.		Halifax Dredging Company, Ltd.	Aug. 31, 1922	Class "B" $1.45 per cu. yd. (place meas.)
Wolfville	Dredging the channel at	Class "B" per cu. yd.	W.C.B. Harris & W. H. McKinlay.	Oct. 23, 1922	$ 1.20 per cu. yd. (in situ.)
		New Brunswick			
Beaver Harbour	Dredging	Class "B" per cu. yd.	John Alphonse Gregory	Sept. 6, 1922	0.60 per cu. yd. (scow meas.)
Chocolate Cove (basin)	Dredging	Class "B" per cu. yd.	" "	Sept. 6, 1922	" "
Leonardville (basin)	Dredging	Class "B" per cu. yd.	" "	Sept. 6, 1922	" "
Newcastle	Dredging public slip	Class "B" per cu. yd.	Miramichi Dredging Company, Limited.	Sept. 20, 1922	0.68½ per cu. yd. (in situ.)
St. Andrews	Dredging basin at public wharf and Gardiner and Doon's wharf.	Class "B" per cu. yd.	John Alphonso Gregory	Sept. 6, 1922	0.60 per cu. yd. (scow meas.)
St. John	Dredging berths wharf.	Class "B" per cu. yd.	St. John Dry Dock & Shipbuilding Co., Ltd....	Aug. 26, 1922	0.34 per cu. yd. (scow meas.)
		Quebec			
Bersimis (Betsiamites)	Wharf	Repairs and extension to	Elz. Méthot & Nap. Fournier	Nov. 7, 1922	Unit prices
Berthier (en haut)	"	Improvements to	Hormisdas Gravel	Nov. 4, 1922	"
Grand River (Gaspé Co.)	"	Extension of	M. Bernatchez and Geo. E. Fournier.	Mar. 27, 1923	"
Grondines	"	Construction of	Doran Construction Company, Ltd.	Oct. 7, 1922	"
La Malbaie (St-Etienne-de-Malbaie)	Wharf	Construction of	Onésime and Joseph Poliquin	Oct. 28, 1922	"
Montmagny	Dredging	Class "B" per cu. yd.	Horace Dussault & Co	Aug. 28, 1922	0.50 per cu. yd. (scow meas.)
Pointe-aux-Trembles	Wharf	Repairs to	Onésime and Joseph Poliquin	Oct. 3, 1922	Unit prices
Poupore (Riviere du Lievre)	Retaining wall at lock and dam	Reconstruction of	Doran Construction Company, Limited.	Oct. 13, 1922	Unit prices

Riviere-du-Loup (en haut)	Dredging channel through shoals between Louiseville and deep water.		Lachance Ltée	Sept. 9, 1922	Class "A" $2.50 per cu. yd. (scow meas.) for material scowed away, and $2.50 per cu. yd. (place meas.) for material overcast Class "B" $0.30 per cu. yd. (scow meas.) for material scowed away and $0.28 per cu. yd. (place meas.) for material overcast.
St-Alexis	Wharf	Repairs to	Caron & Frere	Aug. 25, 1922	Unit prices
St-Jean-d'Orléans	Dredging	Class "A"	Lachance Ltée	Sept. 9, 1922	$2.50 per cu. yd. (place meas.)
		Class "B"	" "	Sept. 9, 1922	$0.60 per cu. yd. (scow meas.)
St-Laurent-d'Orleans	Wharf	Construction	L. Lemieux, O. Roberge and E. Lemieux.	Aug. 19, 1922	Unit prices
St-Michel-de-Bellechasse.	"	Repairs to	Jos. R. and Jos. Elz. Boulanger	Sept. 2, 1922	"
St. Omer	Present wharf	Reconstruction of outer end of	Thomas P. Charleson	Jan. 8, 1923	$2.85 per cu. yd. of cribwork complete and ballasted.
		Ontario			
Aultsville	Wharf	Construction of	Fallon Bros	Nov. 8, 1922	Unit prices
Byng Inlet (Magnetewan River)	Dredging channel	Class "B"	Wm. Bermingham	Oct. 14, 1922	$0.60 per cu. yd. (in situ.)
Cobourg	Dredging entrance channel and basin.	Class "B"	Frontenac Dredging Co., Ltd.	Sept. 30, 1922	$0.58 per cu. yd. (scow meas.)
Gibbons Point (Little Current)	Dredging	Class "A"	The C. S. Boone Dredging and Construction Co., Ltd.	Sept. 8, 1922	$4.95 per cu. yd. (place meas.)
		Class "B"			$2.00 per cu. yd. (place meas.)
Kincardine	Dredging entrance channel and basin.	Class "B"	Wm. Bermingham	Aug. 17, 1922	$0.50 per cu. yd. (scow meas.)
"	Piers	Repairs to	David Keys and John Keys	Nov. 13, 1922	Unit prices
L'Orignal	Wharf	Repairs and improvements to	J. H. Murphy and J. Lowrey	Oct. 14, 1922	"
Millhaven	Public wharf	Construction of	M. R. Midmer	Feb. 17, 1923	"
Port Arthur	Repairs to south section of temporary pile protection breakwater		Thunder Bay Harbour Improvement Co., Ltd.	Oct. 2, 1922	"
"	Dredging	Class "A"	O'Brien & Martin	Oct. 18, 1922	$4.12 per cu. yd. (in situ.)
(McIntyre River)		Class "B"			$0.31 per cu. yd. (in situ.)
Fort Burwell	Breakwater	Repairs to	Wm. Bermingham	Aug. 17, 1922	Unit prices
Port Colborne	Repairs to superstructure of eastern and western breakwaters		M. J. Hogan	Aug. 16, 1922	"
"	Repairs to eastern and western breakwaters		Port Arthur Construction Company, Limited.	Oct. 9, 1922	"

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Concluded.*

Works			Names of Contractors	Date of Contract	Amount
HARBOURS AND RIVERS—*Concluded*					
Ontario—Concluded					
Port Elgin	Dredging channel to wharf	Class "B"	Wm. Bermingham	Sept. 8, 1922	$0.70 per cu. yd. (scow meas.)
"	Dredging gap through breakwater		"	Sept. 8, 1922	$1,800 00
St. Mary's River (opposite City of S.S. Marie, Ont.)	To clean up wholly and entirely of all materials in bed of the river		The Soo Dredging and Cons. Co. Ltd.	Sept. 7, 1922	$112.50 per day of 10 hours for derrick scow, diver and tug, including towing to and from work. $42.50 per hour for 8 hour day for drill boat. $55.00 per hour for 8 hour day for dredge—and at invoice price for dynamite.
Toronto	Dredging entrance channel	Class "B"	The Randolph Macdonald Co., Ltd.	Aug. 21, 1922	$0.45 per cu. yd. (scow meas.)
Whitby	Piers	Reconstruction of	Thomas P. Charleson	Oct. 23, 1922	Unit prices
British Columbia					
Courtenay River	Dredging	Class "B"	Grant Smith & Company & McDonald.	Nov. 3, 1922	$0.85 per cu. yd. (in situ.)
Davis Bay	Wharf	Construction of	R. Bumstead	Nov. 9, 1922	$5,245 00
Fanny Bay	"	"	Wm. Greenlees	Mar. 27, 1923	Unit prices
Quatsino	"	Repairs to float—renewal of	McDonald, Watson & Wither	Nov. 9, 1922	"
Squamish	Dredging in part of Pacific-Great Eastern Barge Transfer Slip.	Class "A"	Vancouver Dredging and Salvage Co., Ltd.	May 29, 1922	$6.00 per cu. yd. (in situ.)
		Class "B"			$0.28½ per cu. yd. (in situ.)
Stewart	Wharf and freight shed	Extension to	G. B. Lawrence and E. R. Workman.	Jan. 8, 1923	Unit prices
Ucluelet (west)	Wharf	Construction of	McDonald, Watson & Wither	Nov. 24, 1922	"
Vananda (Tuxedo Island)	Wharf	Repairs to	R. Bumstead	Nov. 9, 1922	$3,673 00
Woodwards Channel (Steveston, Fraser River)	Training wall	Construction of	The Pacific Construction Company, Limited.	Dec. 20, 1922	Unit prices

Dredges, Vessels and Plant			
Repairs, renewals, scraping, etc., Dredge P.W.D. "No. 110," Deptl. Dregd' Fleet....	Davie Shipbuilding & Repairing Co., Ltd.	April 19, 1922	$ 3,807 00
Overhauling and repairing of Dredge "No. 303 Fruhling" Dept'l. Dred'g. Fleet.....	Wallace Shipbuilding & Dry Dock Co., Ltd.	Aug. 8, 1922	10,592 50 and unit prices for additional work required
Overhauling and repairing of Dredge "No. 305 King Edward," Dept'l. Dred'g. Fleet..	B.C. Marine Engineers & Shipbuilders Ltd.	Aug. 9, 1922	8,986 00
Decking, renewals, repairs, painting, etc., dredge P.W.D. "No. 117" Dept'l Dred'g. Fleet	The Toronto Dry Dock Co., Ltd.	Feb. 23, 1923	10,675 00
Construction of one complete dredge unit consisting of hull, housing and derrick rig to be known and numbered as P.W.D. "No. 302" and launching of same in west arm of Kootenay Lake near Nelson, B.C.	D. C. Fraser.....	Mar. 5, 1923	4,913 16
Construction of one complete hopper dump scow, etc., P.W.D. "No. 311" and complete launching of same in West Arm of Kootenay Lake, Nelson, B.C.	D. C. Fraser.....	Mar. 5, 1923	4,892 00

STATEMENT No. 2.—Of properties purchased or sold by the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.

Date of Conveyance	Vendors	Purchasers	Description of Property	For what Purpose	Area	Price
1922						
April 1	His Majesty	Corporation of City of Kitchener.	Grant of strip of land, being rear portion on which public building is erected, Kitchener, Ont.		340 sq. ft.	Free grant.
" 11	M. H. Naugle and C. Hiltz.	His Majesty	Release in *re* contract for repairs to wharf at New Glasgow, N.S.			$953.73
May 15	His Majesty	B.C. Telephone Company.	Sale of line of poles running from Bridesville to Midway, B.C.			$100.00
" 16	"	Emma Aylmer	Conveyance of land with landing wharf and shed, Chase, B.C.		0·21 acre	No money compensation
" 27	"	Ludger Castonguay	Exchange of lands at Pointe Cavagnole, Que.			No money compensation
June 5	B.C. Telephone Co	His Majesty	Sale of metallic telephone circuit, being two wires attached to pins 9 and 10, facing east, Balfour and Proctor, B.C..	Goverment purposes		$471.72
" 9	John Conrad (farmer)	"	Release *re* certain piece of land, West Chezzetcook, N.S.	Site for wharf	0·25 acre	$50.00
" 12	Corporation of City of Port Arthur.	"	Deed of portion of lot No. 5, north side of Arthur street and south side of Cooke street, Port Arthur, Ont.			In exchange for other property.
" 13	Gaspar Conrad	"	Sale of lands and buildings, West Chezzetcook, N.S.	Site for wharf		$20.00
" 17	His Majesty	H. Warmsley	Sale of old shack on site of proposed new public building, Saskatoon, Sask.			$30.00
" 17	M. A. McLaren	His Majesty	Release of all claims *re* abandonment of property, part of Block "A", Toronto, Ont.	Casualty Clearing station.		$300.00
" 19	Prov. Government of Quebec.	Dominion Governm't.	Release *re* payment in connection with seignioral rent on lot No. 57, Napierville, Que.			$2.84
" 24	T. M. Richards and Gertrude E. Richards (wife)	His Majesty	Deed of sale and release *re* parcel of land, Edmundston, N.B	Canadian abutment and approach of International Highway bridge		$700.00
July 5	His Majesty	Donald Mackinnon	Bill of Sale *re* dredge "P.W.D. No. 10"			$2,500.00
" 15	La Corporation du Village de Ville-Marie.	His Majesty	Release for damages caused to land being part of Notre Dame de Lourdes and Simard sts., Ville Marie, Que.	Timiskaming reservoir dam.		$99.00
" 15	His Majesty	W. H. Hellems	Grant of parcel of land and premises forming part of lot No. 1, Kingsville, Ont.	Private enterprise	361 sq. ft.	$100.00
" 17	"	City of Port Arthur	Grant of parcel of land, being portion of lot No. 5, on north side of Arthur st. and south side of Cooke st., Port Arthur, Ont.		0·363 acre	In exchange of other property.

"	18	Notice of expropriation		Expropriation of part of water lot and land covered by water near mouth of McIntyre River, Port Arthur, Ont.	For slips to serve elevator now under construction.		
"	19	Cyril Harrison	His Majesty	Release of all claims for damages arising out of loss of goods by collapse of wharf at New Masset, B.C.			$296.63
"	19	James Martin	"	Release of all claims for damages arising out of loss of goods by collapse of wharf at New Masset, B.C.			$1,254.07
"	21	Flora Ann McEachern *et al*	"	Sale of land at Antigonish, N.S.	Site for wharf	¼ acre more or less.	$100.00
"	24	His Majesty	Lloyd D. Hatfield	Grant of property known as Bunker Island, N.S.	Private enterprise	32 acres more or less.	$2,500.00
"	25	M. Greisman and Board of Pension Commissioners.	His Majesty	Release for all and any liability in *re* lease dated 6th April, 1920.			$1.00
"	26	Donald J. Niblock	"	Release for all claims for damages *re* injury the result of fall from roof of public building at Weyburn, Sask.			$500.00
Aug.	4	Joseph Desautels	His Majesty	Release of all claims for damages caused or to be caused to lot 12, Ville Marie, Que.	Timiskaming reservoir dam.		$80.00
"	4	H. E. Turner *et al*	"	Release and discharge in *re* sale of lands at Little Current, Ont.	Government purposes		$1.00
"	9	His Majesty	Alfred Theodore Carter	Grant of parcel of land, part of lot No. 32, on south side of main road, Gaspe, Que.		48 ft. by 44 ft. 6 inches.	Exchange of land.
"	16	His Majesty	Charles Stannard	Bill of sale *re* tug *Point Hope*, formerly *Prospective*.			$6,005.00
"	21	City of Quebec	His Majesty	Sale of "Amyot Property," Quebec, Que.			$12,400.00
"	23	Fred. Coll	"	Bill of Sale of scow for use at Rondeau, Ont.			$400.00
"	26	J. C. Julian	"	Sale of land and buildings at West Chezzetcook, N.S.	Site for wharf	0·10 acre	$25.00
"	26	His Majesty	Halifax Shipyards Limited.	Agreement *re* sale of piece of land and land covered by water with plant, etc., etc., at Richmond-Halifax, N.S., the Company to pay all rent due on recited lease up to 1st Dec., 1921 and on Dec. 22 and at end of every year for 14 years the sum of $93,750.00 and interest at 5½ p.c. and balance of each such payment of $93,750.00 to be deducted from amount due on purchase price.			$1,250,000.00
Sept.	13	His Majesty	Lake Bar Sand and Gravel Co.	Bill of sale *re* tug *J. H. Montgomery*			$2,000.00
"	27	Montreal and Cornwall Navigation Co., Ltd.	His Majesty	Sale of wharf structure, freight shed and sunken crib, Aultsville, Ont.			$1.00
Oct.	10	James D. McDonald	His Majesty	Release for all claims for damages to lot No. 65 R. 3, township of Guigues, Que.	Timiskaming reservoir dam.	8·12 acres	$40.60
"	16	The Canada Steamship Lines, Ltd.	"	Sale of land being lot No. 809 and parts of lots Nos. 64 and 117, Verchères, Que.	Government purposes	23,970 sq. ft. (English measure).	$2,000.00

STATEMENT No. 2.—Of properties purchased or sold by the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Continued.*

Date of Conveyance	Vendors	Purchasers	Description of Property	For what Purpose	Area	Price
1922						
Oct. 17	His Majesty	The City of Sherbrooke.	Grant of parcel of land and premises being part of Dom. Goverment property at Sherbrooke, Que.	Drill hall site	32,364 sq. ft.	$10,600.00
" 20	R. Keltie Jones and Eastern Trust Co.	His Majesty	Surrender of lease *re* "Cavehill Hall," St. John, N.B.			$2,114.00
" 24	La Municipalité de la Rivière-aux-Renards.	"	Grant of all rights, interests, etc., in *re* road forming part of lots Nos. 53 pt. to 59 pt. inclusive, Tp. of Fox, Gaspe Co., Que.	Wharf site at Fox River.		Free grant.
" 26	His Majesty	Alexander Lauzon	Grant of piece of land, part of s.e. ¼ of lot No. 4, Con. V, Tp. of Harris, Ont.		41·9 acres more or less.	$100.00
" 27	Edouard Jos. Duggan	His Majesty	Sale of land, part of cadastral lot No. 514, St. Etienne de la Malbaie, Que.	Site for wharf	23,550 sq. ft. (Eng. measure)	$471.00
Nov. 2	Jos. Côté	"	Sale of land, part of lot No. 104, Grondines, Que.	Site for wharf	79·837 sq. feet, more or less.	$250.00
" 20	Ovide Brouillard	The Canada Pulp and Lumber Co. Ltd.	Assignment of lease *re* portion of Government wharf at Rimouski, Que.			$2,500.00
" 22	F. W. Sutherland *et ux*	His Majesty	Sale of land and wharf thereon erected, with shed, landing slip and small shed at Lockeport, N.S.	Site for wharf		$4,200.00
" 22	P. E. E. Belanger	"	Sale of land, portions of lots Nos. 513 and 560, Parish of St. Roch Nord, Que.	Government purposes	Total area, 740,941 sq. ft. (Eng. meas.)	$36,003.93 and interest and costs.
" 22	E. Fairfield (widow) and Louise and M. Fairfield (spinsters).	"	Sale of part of lot No. 18 and w. part of lot No. 19, 1st Con., Tp. of Ernestown, Ont.	Wharf at Millhaven	0·18 acre	$1.00
" 27	Alfred Adams	"	Release for all claims in *re* collapse of wharf at New Massett, B.C.			$76.44
Dec. 12	Certificate of Search	His Majesty	Certificate of Search as to title *re* s. ½ of lot No. 8, 2nd Con., Tp. of Casey, Ont.	Timiskaming reservoir dam.	161½ acres, more or less.	$120.00
" 13	" "	"	Certificate of Search as to title *re* n. ½ lot No. 8, 1st Con, Tp. of Casey, Ont.	" "	158 acres, more or less.	$120.00
" 14	" "	"	Certificate of Search as to title *re* s. ½ of lot No. 8, 2nd Con., Tp. of Casey, Ont.	" "	161¾ acres, more or less.	$120.00
" 14	" "	"	Certificate of Search as to title *re* n. ½ of lot No. 8, 1st Con., Tp. of Casey. Ont...	" "	158 acres, more or less.	$120.00
" 16	John J. McDonald *et ux*	"	Sale of land and right-of-way, Soldier's Cove, N.S.	Repairs to wharf		$1.00
" 22	Eugene Amyot (*es-qté*)	"	Sale of land part of lot No. 2238, Quebec, Que.	Addition to proposed Central Post Office.	1,410 sq. ft. (Eng. meas.)	$12,400.00
" 23	Philippe Lefebvre	"	Sale of land, part of lot No. 75, Ste.-Madeleine-de-Rigaud, Que.	Site for wharf	2,850 sq. ft more or less.	$300.00

" 28.....	His Majesty.....	General Salvage and Wrecking Co., Ltd.	Bill of sale *re* tug *Mina G*, dump scow "No. 1," dump scow "No. 16," and wooden flat deck scow.	.....	.....	$900.00
1923						
Jan. 23.....	Evangeliste Goulet.....	His Majesty.....	Sale of land, part of lot No. 29, R. 2, Tp. of Fabre, Timiskaming Co., Que.	Timiskaming reservoir dam.	7·70 acres.....	$101.32 per annum.
Feb. 2.....	Chas. J. Wickham.....	His Majesty.....	Grant of land, being part of lot No. 11, Bamfield, B.C.	Public highway and access to Post-office.	.....	$1.00
" 6.....	Cie de Navigation Québec et Lotbinière Ltée.	"	Sale of parcel of land composed of lot No. 206 and premises, St.-Antoine-de-Tilly, Que.	Repairs to Boisvert wharf.	79,386 sq. ft., more or less.	$2,800.00
" 9.....	Notice of expropriation...	.....	Expropriation of land at West Chezzetcook, N.S.	Right of way.....	0·09 acre.....	
" 9.....	" " ...	.....	Expropriation of land at West Chezzetcook, N.S.	"	0·10 acre.....	
" 16.....	Certificate of ownership..	His Majesty.....	Certificate of ownership *re* part of lot No. 15, 1st Con., Tp. of Bucke, Ont.	Timiskaming reservoir dam.	1·60 acre, more or less.	
" 16.....	" " ..	"	Certificate of ownership *re* part of lot No. 15, 1st Con., Tp. of Bucke, Ont.	Timiskaming reservoir dam.	1·60 acre, more or less.	
" 20.....	Southern Salvage Co. Ltd. and John Ritchie.	"	Release, etc., for all claims *re* dockage of 2 scows or barges, winter 1921-1922, Liverpool, N.S.	.....	.....	$111.00
Mar. 7.....	His Majesty.....	National Sand and Material Co., Ltd.	Bill of sale *re* Departmental dredge *Restigouche*.	.....	.....	$30,000.00
" 13.....	W. G. Matthews & Sons, Ltd.	His Majesty.....	Sale of land on western side line of public road leading to Bank wharf, Canso, N.S.	Approach to public wharf.	0·3 acre.....	$2,500.00
" 20.....	John A. Pearson and J. O. Marchand.	"	Release for all claims, etc., for services rendered as architects in connection with the restoration of Parliament buildings, Ottawa, Ont.	.....	.....	$142,146.70

The following releases, notice of expropriation, etc., were received too late for insertion in last year's Annual Report, 1921-1922:—

1886						
Aug. 18.....	Wm. Ball.....	His Majesty.....	Release for all past, present and future claims *re* dredging McGregor's Creek, Chatham, Ont.	.....	.....	$1,300.00
1918						
Feb. 9.....	Notice of expropriation....	.....	Expropriation of land at Portuguese Cove, N.S.	Site for breakwater.....	0·2 acre.....	
1921						
Mar. 16.....	G. H. Turner *et al*.....	His Majesty.....	Release and discharge *re* sale of lands, Little Current, Ont.	.....	.....	$1,975.00
1922						
Feb. 1.....	R. J. Stroud and wife and Milford Bay Hotel Co., Ltd.	His Majesty.....	Grant and release *re* parcel of land, part of lot No. 26, 10th Con., Tp. of Monck, Muskoka District, Ont.	Site for wharf.....	.....	$2.00
" 28.....	Adelard Carufel.....	"	Release of all claims for damages caused to piece of land forming part of lot No. 3, Tp. of Latulippe, Que.	Quinze Lake dam.....	33·35 acres.....	$430.43

STATEMENT No. 2.—Of properties purchased or sold by the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Concluded.*

Date of Conveyance	Vendors	Purchasers	Description of Property	For what Purpose	Area	Price
1922 Mar. 13	Charles Prince	His Majesty	Release of all claims for damages caused to 3 parcels of land forming part of lot No. 9, R. 8, Tp. of Latulippe, Que.	" "	17·20 acres	$973.87
			Release of all claims for damages caused to 4 parcels of land forming part of lot No. 8, R. 8, Tp. of Latulippe, Que.	" "	9·09 acres	
" 18	Wilfrid Cardinal	"	Release of all claims for damages caused to 3 parcels of land forming part of lot No. 7, R. 8, Tp. of Latulippe, Que.	" "	16·25 acres	$614.77
" 21	G. H. Turner *et ux*	"	Sale of land, portion of water lots "A" and "B" at Little Current, Ont.	Government purposes		$700·00

STATEMENT No. 3.—Of properties leased to and from the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.

Date of Lease	Lessors	Lessees	Description of Property	For what Purpose	Duration of Lease	Rental
1922						
April 1	G. T. Pacific Ry	His Majesty	Permission to maintain existing cabin on present location at Hole in Wall, Coast Dist., B.C.		During pleasure.	$1 per ann.
" 3	Ottawa Wine Vault Company.	"	Lease of premises Nos. 35 and 37 (with buildings and yard), George st., Ottawa, Ont.	Militia and Defence	2 years from April 18, 1922.	$8,496 per ann.
" 5	B. C. Ditson & Elsie M. Ditson.	"	Lease of 1,000 square feet in building on lot 8, block 3, plan "G" 9, Kindersley, Sask.	"	1 year from April 17, 1922.	$600 per ann.
" 7	The Ottawa Building Co., Ltd.	"	Lease of "Nagle Building," Nos. 98-100, south side of Wellington st., Ottawa, Ont.	Office accommodation for Federal Gov't.	1 year from May 1, 1922.	$2,560 per ann.
" 7	Mrs. Odile Lavoie	"	Lease of basement and 1st floor of building, No. 116, Letourneux st., Maisonneuve, Que.	Postal Station "M"	1 year from May 1, 1922.	$780 per ann.
" 7	La Cie de Publication de La Patrie Ltée.	"	Lease of east half of ground floor of "La Patrie Building," St. Catherine st., Montreal, Que.	Postal Station "N"	2 years from May 1, 1922.	$11,358 per ann.
" 8	Adolphe Louis Caron	"	Lease of store on ground floor of building, and portion of cellar Nos. 1124-1126 Laurier Ave. West, Outremont, Que.	Postal Station	3 years from April 1, 1922.	$195 per m.
" 10	Bawlf Securities Limited.	"	Lease suite No. 251 on 4th floor of "Chamber of Commerce Building," Winnipeg, Man.	Marine and Fisheries	1 year from May 1, 1922.	$360 per ann.
" 10	Comox Agricultural and Industrial Association.	"	Lease of large hall in "Comox Agricultural & Industrial Association Building," Courtenay Townsite, B.C.	Militia and Defence	1 year from May 18, 1922.	$300 per ann
" 11	Ambrose W. Thompson	"	Lease of 600 sq. ft. in s.e. cor. of "Ambrose Thompson Garage," Regina, Sask.	Garage workshop	1 month from June 1, 1922, and thereafter from month to month.	$600 per ann.
" 12	Ephraim H. Humphreys.	"	Lease of room on ground floor and basement in building, Trenton, N.S.	Post Office	1 month from Mar. 22, 1922, and thereafter from month to month.	$50 per m.
" 15	Elijah F. Hankinson	"	Lease of 1½ storey building (wood construction), Weymouth, N.S.	Militia and Defence	2 years from July 1, 1922.	$20 per m. (renewable)
" 15	Corporation of City of Granby.	"	Lease of frame building known as "Armoury," Granby, Que.	"	1 year from May 3, 1922.	$600 per ann.
" 17	Sir Rodmond Palin Roblin	"	Lease of ground floor of No. 103 Osborne st., Winnipeg, Man.	Postal Station "C"	1 year from Feb. 1, 1922.	$150 per m.

STATEMENT No. 3.—Of properties leased to and from the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Continued.*

Date of Lease	Lessors	Lessees	Description of Property	For what Purpose	Duration of Lease	Rental
1922						
April 18	The Belleville Club Limited.	His Majesty	Lease of premises in rear portion of building occupied by Can. Express Co's office, Belleville, Ont.	Weights and Measures (Trade and Commerce).	1 year from June 1, 1922.	$900 per ann.
" 18	Mrs. Maud Porter	"	Lease of 1 storey workshop, No. 525A on 2nd Ave. West and shed at rear of No. 523A on 2nd Ave. West, Calgary, Alta.	Garage for M. and D	6 months from May 1, 1922.	$40 per m. (renewable)
" 20	Imperial Canadian Trust Company.	"	Lease of rooms Nos. 510 and 511 in "Canada Building," Saskatoon, Sask.	S.C.R. Dept	1 year from May 1, 1922.	$1,816.70 per ann.
" 20	Sun Life Assurance Co. of Canada.	"	Lease part of ground floor in "Sun Life Building, Sherbrooke, Que.	S.S. Board Dept	1 year from May 1, 1922.	$1,400 per ann.
" 21	Realty of Ottawa Ltd	"	Lease of "Free Press Building," Sparks st., Ottawa. Ont.	Mines Dept	1 year from Apri 5, 1922.	7,600 per ann.
" 21	The Standard Bank of Canada.	"	Lease of 1st room at head of stairs on 1st floor of bank building, Belleville, Ont.	Food Insp. District (Health Dept.)	1 year from June 23, 1922.	$17.50 per m.
" 24	Corporation of District of Salmon Arm.	"	Lease of 2 storey frame building, formerly used as "Agricultural Hall," Salmon Arm, B.C.	Militia and Defence	5 years from Feb. 28, 1921.	$200 per ann.
" 24	W. J. Gourlay	"	Lease of 402 sq. ft. in "Chapin Garage," Calgary, Alta.	"	1 year from Mar. 15, 1922.	$600 per ann.
" 24	His Majesty	Gimli Fisheries Ltd.	Lease of portion of George Island ,Lake Winnipeg, Man.	Private enterprise	10 years from April 24, 1922.	$5 per ann.
" 25	Corporation of City of Toronto.	His Majesty	Lease of St." Paul's Hall," Toronto, Ont	Militia and Defence	5 years from June 1, 1922.	$2,400 per ann.
" 27	Mrs. Maud Augusta Sowden.	"	Lease of basement, main floor and 2nd floor of s. ½ of 2 storey building and basement, Souris, Man.	"	3 years from Mar. 18, 1922.	$420 per ann.
" 27	Yorkshire and Canadian Trust Ltd.	"	Lease of room No. 508 on 5th floor of "Pacific Building," Vancouver, B.C.	Insp. of Explosives	1 year from May 15, 1922.	$450 per ann.
" 27	London & British North America Co., Ltd.	"	Lease of 1,580 sq. ft. in "London Building," Vancouver, B.C.	Insp. of Taxation	From April 1, 1922 to Feb. 1, 1923.	$150 per m.
" 28	His Majesty	Moïse Leblanc	License to operate ferry across Ottawa River, between Buckingham, Que. and Cumberland, Ont.	Private enterprise	5 years from May 1, 1922.	$5 per ann.
" 28	Geo. Walton Brisbin	His Majesty	Lease of upper storey of 2 storey brick building, village of Pilot Mound, B.C.	Militia and Defence	2 years from June 1, 1921.	$120 per ann. (renewable)
" 29	Dr. Wm. R. Dunbar	"	Lease of 1st floor of 2 storey frame building, Truro, N.S.	Seed and Feed Insp	2 years from Mar. 15, 1922.	$600 per ann. (renewable)
" 29	The Edmonton, Dunvegan and B.C. Ry. Co.	"	Lease of lots 22, 23 and 24, block 1, Spirit River Townsite, Alta.	Immigration Hall	5 years from May 1, 1922.	$5 per ann.

" 29	" " "	"	Lease of lots 19, 20, and 21, block 2, Grande Prairie Townsite, Alta.	"	5 years from May 1, 1922.	$5 per ann.
May 6	Enderton Investment Co. Ltd.	His Majesty	Lease of premises on 2nd floor and 193 sq. ft. on same floor in "Enderton Building," Winnipeg, Man.	S.S. Board Dept	1 year from May 1, 1922.	$5,040 per. ann (renewable)
" 8	Mills Bros. Limited	"	Lease of room No. 604 in "Imperial Building," Hamilton, Ont.	Insp. of Taxation	From July 17, 1922 to Dec. 1, 1923.	$55 per m. (renewable)
" 8	His Majesty	Quebec Seamens Institute.	Lease of parcel of land s.w. cor. of "Customs Property," Quebec, Que.	Sailors' Home	2 years from date land is taken over by lessee.	$1 per ann.
" 10	Mrs. Clara Kirchoffer	His Majesty	Lease of 2 adjoining rooms and basement in building on lot E. 24, Prandon, Man.	Customs Examining Warehouse.	5 years from May 15, 1922.	$1,875 per ann.
" 10	Arthur Congdon	"	Lease of 1 storey brick building on n. side of Portage Ave. and 50 ft. west of Lipton st., Winnipeg, Man.	Postal Station "D"	3 years from Mar. 3, 1922.	$1,200 per ann. (renewable)
" 10	George & Stewart Ltd	"	Lease of ground and upper floors in building on lot 4, block "D," Peace River, Alta.	Dominion Lands Agent	1 year from Jan. 1, 1922.	$1,080 per ann. (renewable)
" 12	Grey Nuns	"	Lease of ground floor and part of basement in premises No. 23, Jeanne-Mance st., Montreal, Que.	Militia and Defence	1 year from May 1, 1922.	$225 per m.
" 15	Can. Pac. Ry. Co	"	Lease of wire space on 2 poles of company's lines between Balfour and Proctor, B.C. (two wire circuit).	Government purposes	Until Dec. 31, 1922 and there after as yearly agreement.	$1.80 per ann.
" 15	The Central Realties Co. Ltd.	"	Lease of 3,900 sq. ft. on 1st floor of "Harphill Building,' Prince Albert, Sask.	S.S. Board Dept	1 year from May 1, 1922.	$200 per m.
" 15	Mrs. Clara Payson Rice	"	Lease of homestead and store on w. side of Main road and south side ot bridge at Weymouth, N.S.	Post Office	1 year from June 1, 1922.	$200 per ann.
" 17	John Fisken & Co	"	Lease of room No. 114 on first floor of "Pacific Building," Toronto, Ont.	Grain Insp. Staff	1 year from April 15, 1922.	$55 per m.
" 20	Mrs. Betty Tobias	"	Lease of 2 storey frame building on n.e. cor. of Railway and 8th sts, Morden, Man.	Militia and Defence	1 year from June 1, 1922.	$40 per m.
" 22	His Majesty	Henry Lepage	License to operate ferry across Ottawa River, between O'Brien's farm, Prescott Co., and mouth of Calumet River.	Private enterprise	5 years from May 1, 1922.	$25 per ann.
" 23	Hon. A. L. Langman	His Majesty	Lease of "Fairbanks Morse Building," of "Col. Belcher Hospital," Calgary, Alta.	Hospital for S.C.R.	1 year from July 1, 1922.	$900 per m.
" 23	Robt. Lennox Blackburn	"	Lease of 3,275 sq. ft. on 4th floor of "Plazza Building," Ottawa, Ont.	S.C.R. Dept	1 year from July 1, 1922.	$3,173.53 per ann.
" 25	Wm. James Southam	"	Lease of 6,000 sq. ft. on 6th floor of "Southam Building," Calgary, Alta.	S.S. Board	3 years from Dec. 16, 1921-	$8,400 per ann.
" 27	The Molsons Bank	"	Lease of room No. 1 in "Molsons Bank Building," Vancouver, B.C.	Insp. of Fisheries	From Feb. 1, 1922 to June 30, 1922.	$30 per m.

STATEMENT No. 3.—Of properties leased to and from the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Continued.*

Date of Lease	Lessors	Lessees	Description of Property	For what Purpose	Duration of Lease	Rental
1922						
May 27	The Molsons Bank	His Majesty	Lease of rooms 2, 3, 4, 5 and 6 with vault in "Molsons Bank Building," Vancouver, B.C	Insp. of Fisheries	From Mar. 1, 1922 to Feb. 1, 1924.	$1,840 per ann.
" 27	"	"	Lease of rooms 7, 8, 9, 10 and 11, with vault in "Molsons Bank Building," Vancouver, B.C.	"	From July 1, 1922 to Feb. 1, 1924.	$1,621 33 per ann.
" 31	Sidney Herbert (Lord) Elphinstone & Mountstuart W. Elphinstone, jointly.	"	Lease of 252 sq. ft. on ground floor of store No. 10125-100A st., Edmonton, Alta.	S.C.R. Dept	1 year from May 1, 1922.	$420 per ann.
June 1	His Majesty	E. E. Kells, M.D.	Lease of parcel of land, portion of s.w. ¼ sec. 5, Tp. 21, R. 21, w. 2nd meridian, Last Mountain Lake, Sask.	Pasture purpose	For season 1922	$55 for season.
" 7	"	Ovide Brouillard.	Lease of portion of wharf, Rimouski, Que.	Private enterprise	5 years from June 7, 1923.	$200 per ann. (Renewable)
" 9	The Trustees of School District No. 4.	His Majesty	Lease of 187 sq. ft. on ground floor and use of class room in "School House," Port Borden, P.E.I.	Marine and Fisheries	1 year from April 1, 1922.	$125 per ann.
" 13	Fortin & Gravelle	"	Lease of 2 upper stories in building No. 29, Main st., Hull, Que. (also large lot in rear of same).	70th Regt., Hull, Que.	5 years from May 1, 1922.	$1,800 per ann.
" 13	Daniel Vincent Doyle	"	Lease of 2 stores in front of building and 2 rooms in same, Belleville, Ont.	Insp. of Taxation, Finance Dept.	1 year from June 1, 1922.	$1,826.72 per ann. (ren'ble)
" 16	John Patrick Brogan	"	Lease of n. ½ of 1st floor of 2 storey brick encased building, cor. Highway and West st., Hemmingford, Que.	Immigration Inspector	3 years from May 1, 1922.	$342 per ann.
" 19	Bank of Nova Scotia	"	Lease of rooms 31 and 32 in "Bank of Nova Scotia Building," St. Catharines, Ont.	Asst. Insp. of Taxation	1 year from July 2, 1922.	$900 per apn.
" 21	Mrs. Cora Elizabeth Black	"	Lease of 2 storey, attic and basement frame building, cor 2nd Ave. and 7th st., Prince Rupert, B.C.	Various Depts. of Federal Administration.	5 years from June 1, 1922.	$6,540 per ann. (renewable)
" 24	The Dominion Life Assurance Co.	"	Lease of rooms 501 and 508 to 513 inclusive on 5th floor of "Western Chambers." Re-Regina, Sask.	S.S. Board	11 months from June 1, 1922.	$2,400 per ann.
" 24	W. R. Brock Company, Limited.	"	Lease of 107 sq. ft. on 4th floor of "Booth Building," Sparks st., Ottawa, Ont.	Purchasing Commission of Canada.	From May 30, 1922 to May 1, 1923.	$10 per m.
" 27	Robt. Lennox Blackburn	"	Lease of 6th and 7th floors in "Plazza Building," Ottawa, Ont.	Insurance Dept. (M. and D.).	1 year from July 1, 1922.	$7,600 per ann.

"	27	A. C. Grocery Company.	"	Lease of whole of 2nd floor, No. 520 Granville St. Building, Vancouver, B.C.	Militia and Defence	1 year and 11 months from May 1, 1922.	$720 per ann.
"	30	Royal Bank of Canada	"	Lease of rooms 110, 111, 112, 113, 114 and 115 in Royal Bank Building, London, Ont.	District Engineer, P.W. D.	1 year from May 3, 1922.	$3,050 per ann
"	30	His Majesty	Louis Cousineau	License to operate ferry across Ottawa River, Rockliffe, Ont., and Pte.-Catineau, Que.	Private enterprise	2 years from May 1, 1922.	$1,600 per ann.
July	4	His Majesty	Premier Gold Mining Co., Ltd.	Leave and license to construct and maintain aerial tramway discharge terminal and to operate a hanger conveyor also place freight shed on wharf on H.M. property at Stewart, B.C.	Private enterprise	During pleasure.	No consideration money.
"	4	La Chambre de Commerce du District de Montréal.	His Majesty	Lease of spaces in portion of ground floor and basement and in shed in "Chambre de Commerce Bldg.", Montreal, Que.	Trade and Commerce Dept.	3 years from May 1, 1922.	$1,300 per ann. (renewable).
"	11	Municipality of Town of Ste-Anne-de-Bellevue	"	Lease of 1 room in "Municipal Bldg.," and use of shed for storage of wood and coal, Ste Anne de Bellevue, Que.	Post office	1 year from May 1, 1922.	$400 per ann.
"	11	Max Susman	"	Lease of cement bldg. on S. side of Cataraqui St., Kingston, Ont.	Militia and Defence	1 year from Sept. 15, 1922.	$2,830 per ann. (renewable).
"	25	JamesLendall Nickerson	"	Lease of one of 2 stores on ground floor of building on west side of Moore st., Clarke's Harbour, N.S.	Post office	5 years from July 1, 1922.	$200 per ann.
"	26	The Canadian City and Town Properties Ltd.	"	Lease of rooms 215 and 217 on ground floor of "York Building," Saskatoon, Sask.	Customs Examining W'-house.	1 year from June 5, 1922.	$1,800 per ann.
"	27	His Majesty	The Capital Brewing Co., Ltd.	Lease of land and premises and plant on east side of Bay st., Ottawa, Ont.	Private enterprise	5 years from Aug. 10, 1922.	$8,000 per an.
"	27	"	Joseph Labranche.	Lease of parcel of land near Immg-Hospital, Little River, Que.	"	5 years from Aug. 1, 1922.	$50 per ann.
"	27	Silas Alexander Ramsay	His Majesty	Lease of store No. 608 on 2nd Avenue East, Calgary, Alta.	S.C.R. Dept	1 year from Sept. 16, 1922.	$900 per ann.
"	29	His Majesty	Joseph Auclair	Lease of parcel of land near the wharf, Rivière-du-Loup, Que.	Cultivation purposes	During pleasure.	$10 per ann.
"	29	Dept. Rys. and Canals	Dept. of Public Works.	License to occupy piece of land at Rapide, Plat Canal Reserve, Morrisburg, Ont.	Excise and Customs Warehouse.	During pleasure from May 1, 1922 (0·017 ac).	$20 per ann.
Aug.	1	Berlin Rink and Auditorium Co., Ltd.	His Majesty	Lease of space on ground floor and use of basement in "Auditorium Block," Kitchener, Ont.	Customs Examining Warehouse.	1 year from July 14, 1922.	$150 per m.
"	4	James Thompson	"	Lease of north shop on ground floor of 2 storey frame building, Trenton, N.S.	Post office	1 year from Aug. 8, 1922.	$480 per ann. (renewable).
"	10	His Majesty	Vancouver Harbour Commission.	Lease of piece of land forming part of Granville Island, Vancouver, B.C.	Private enterprise	10 years from Aug. 10, 1922.	$1 per ann.
"	11	William McWilliam Inc.	His Majesty	Lease of 1,123 sq. ft. on ground floor of southerly ½ of brick building cor. D'Auteuil and Elgin sts., Quebec, Que.	Sup. Dom. Arsenal	1 year from Sept. 1, 1922.	$675 per ann.

STATEMENT No. 3.—Of properties leased to and from the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Continued.*

Date of Lease	Lessors	Lessees	Description of Property	For what Purpose	Duration of Lease	Rental
1922 Aug. 12	His Majesty	Harry S. F. Turney.	Rental of tug *Point Grey*	Private enterprise	6 m. from date taken at Vancouver, until returned to Vancouver, B.C.	$245 per week.
" 12	"	The Monarch Storage Co.	Agreement granting right to erect belt conveyor along northern side of wharf, Shippegan, N.B.	"		$1 per ann.
" 14	Corporation of City of Brockville.	His Majesty	Lease of 2 rooms on ground floor of "City Building," Brockville, Ont.	Gas and Electricity Insp. (Trade and Commerce).	1 year from Sept. 18, 1922.	$15 per m.
" 15	J.-Bte. Duford	"	Lease of 1st and 2nd floors in "Duford Building," Rideau st., Ottawa, Ont.	R.C.M.P.	From July 2, 1922 to May 1, 1924.	$7,225 per ann.
" 18	H. N. Bate & Sons, Ltd.	"	Lease of whole of "Bate Building," Slater st., Ottawa, Ont.	Finance Dept.	5 years from Aug. 24, 1922.	$16,000 per ann.
" 26	McLaren Hall Committee	"	Lease of "McLaren Hall", Alexandria, Ont.	P. Office and Customs and Excise.	1 year from Sept. 3, 1922.	$45 per m.
" 28	Wm. Albert Dayton	"	Lease of front room on 2nd floor of brick building on south side of Main st., Picton Ont.	Weights and Measures	3 years from Sept. 1, 1922.	$72 per ann.
Sept. 5	His Majesty	Can. Pac. Ry. Co.	Lease of portion of Beacon Bar Flats and land adjacent thereto, St. John, N.B.	Private enterprise	5 years from July 1, 1922.	$1 per ann.
" 5	Azarie A. Aubin	His Majesty	Lease of ground floor of brick building Sturgeon Falls, Ont.	Post office	5 years from Nov. 1, 1922.	$1,200 per ann.
" 9	His Majesty	The Corporation City of Ottawa.	Leave and license to lay, maintain and repair sidewalk at Daly Building, Ottawa, Ont.		Revocable	
" 12	The Eastern Trust Co	His Majesty	Lease of 5 offices at No. 52 Bedford Row, Halifax, N.S.	Laboratory Analyst	1 year from Oct. 1, 1922.	$1,350 per ann.
" 14	F. S. Collacott	"	Lease of 1 large and 2 small offices in building Yorkton, Sask.	Finance Dept.	1 year from Sept. 1, 1922.	$720 per ann.
" 14	J. E. Parrott	"	Lease of 1 storey fram building and 5 acres of land, Saltcoats, Sask	Militia and Defence	1 year from July 1, 1922.	$180 per ann.
" 16	Hon. Sir. D. H. McMillan, K.C.M.G.	"	Lease of rooms Nos. 406 and 407 in "Avenue Block," Winnipeg, Man.	Interior Dept.	1 year from Sept. 1, 1922.	$81 per m.
" 18	R. L. Blackburn	"	Lease of 5th floor in "Plaza Building," Ottawa, Ont.	Interior Dept. (B.C. Lands).	1 year from July 1922.	$3,600 per ann.
" 25	Imperial Canadian Trust Co.	"	Lease of Suite No. 514 in "Canada Building", Saskatoon, Sask.	Ry. Mail Serv. P. office Dept.	1 year from Nov. 16, 1922.	$300 per ann.

"	25	His Majesty	J. W. McDonald and N. P. Wilson.	Lease of property near "Government wharf"' Livingston's Cove, N.S.	Private enterprise	5 years from Sept. 25, 1922.	$1.00 per ann. (renewable).
"	25	J. H. Cameron and Annie M. Johnstone.	"	Lease of 3 rooms "G" "H" and "I" in building, Saskatoon, Sask.	Weights and Measures	1 year from Nov. 1, 1922.	$110 per m.
"	26	Isaac Mallette	"	Lease of cabin-shed and toilet building on lot 30, block 6, Mayo, Yukon Territory.	Post office	1 year from Sept. 1, 1922.	$300 per ann.
"	27	Imperial Canadian Trust Co.	"	Lease of Suites Nos. 601, 602, 606 and 607, in "Canada Building," Saskatoon, Sask.	Post Office Inspector	1 year from Sept. 20, 1922.	$3,242.40 per ann.
"	28	Frederick Austin Blain	"	Lease of premises on ground floor and basement of "Connaught Building," Saskatoon, Sask.	Dom. Lands Office—Int. Dept.	1 year from Oct. 1, 1922.	$3,120 per ann. (renewable).
"	29	Riel Hillier	His Majesty	Lease of whole of 2nd floor in 2 storey brick building, Erie st., Leamington, Ont.	Militia and Defence	3 years from Aug. 1, 1922.	$300 per ann.
"	30	The Post Publishing Co., Ltd.	"	Lease of rooms Nos. 4a and 3 in "Post Building", Sydney, N.S.	Inspector of Fisheries	1 year from Oct. 1, 1922.	$36 per m.
Oct.	6	The Edmonton Dunvegan and B.C. Ry. Co.	"	Lease of lots Nos. 28, 29 and 30, block 10, River lot 7, Peace River Townsite, Alta.	Immigration Hall	5 years from Oct. 1, 1922.	$5 per ann.
"	7	Andrew McMillan & Wm. Costain.	"	Lease of ground floor of 3 storey brick building, west side of Main st., Toronto, East, Ont.	Postal Station "H"	1 year from Oct. 1, 1922.	$100 per m.
"	10	Dept. of Public Works	Okanagan Telephone Co.	Agreement granting permission to each party to place wires on their poles on lines in Okanagan District, B.C.		For each cross arm employed per mile—and at same rate for any extra space required other than one cross arm.	$4 per ann.
"	14	Montreal Trust Co	His Majesty	Lease of 2,040 sq. ft. in "Hesslein Building," Halifax, N.S.	Marine and Fisheries	1 year from Oct. 15, 1922.	$1,226 40 per ann.
"	14	City of Regina	"	Lease of 3 storey brick building "Laird Warehouse," Regina, Sask.	Militia and Defence	5 years from Aug. 1, 1922.	$6,000 per ann.
"	14	Great War Veterans' Association, Regina.	"	Lease of 980 sq. ft. in rear of 1st floor of "G.W.V. Building," Regina, Sask.	Weights and Measures (T and C).	3 years from Nov. 1, 1922.	$1,078 per ann.
"	16	Silas Alexander Ramsay	"	Lease of north store premises No. 606, 2nd st., east, Calgary, Alta.	Surgical Appliance Br. S.C.R.	6 m. from Dec. 5, 1922, and from month to month thereafter.	$900 per ann.
"	16	Archibald Galbraith	"	Lease of 2,740 sq. ft. on ground floor and 1,000 sq. ft. in basement of building No. 1-9, 1st ave., east, Swift Current, Sask.	Dom. Lands Br. Int. Dept.	From Nov. 17, 1922, to April 1, 1923.	$150 per m.
"	20	Thomas. Geo. Hoar	"	Lease of upper storey of 2 storey and basement brick building on east side of Broadway, Killarney, Man.	Militia and Defence	5 years from May 1, 1922.	$180 per ann.
"	24	Wm. Dickson Fair	"	Lease of 2 rooms on 2nd floor of brick building cor. Albert and Ontario sts, Clinton, Ont.	"	1 year from Mar. 1, 1922.	$60 per ann.

STATEMENT No. 3.—Of properties leased to and from the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Continued.*

Date of Lease	Lessors	Lessees	Description of Property	For what Purpose	Duration of Lease	Rental
1922						
Sept. 25	Wm. James Best	His Majesty	Lease of 2 rooms in brick building above butcher's shop No. 12, East Main st., Welland, Ont.	Militia and Defence.	1 year from June 1, 1922...	$420 per ann. (renewable).
" 27	Chas. Edw. Start	"	Lease of west or front room on 2nd floor of Start's Office Building—Tara, Ont.	Militia and Defence	1 year fron. Jan. 1, 1922.	$96 per ann.
" 30	Manasha Lavut	"	Lease of ground floor and basement in "Lavut Building," Montreal, Que.	Postal Station "G"	5 years from Sept. 15, 1922.	$6,000 per ann.
" 31	His Majesty	Lloyd D. Hatfield.	Leave and license to cultivate reservation at northern extremity of Bunker's Island, N.S.	Private enterprise	During pleasure.	$10 per ann.
Nov. 1	Wm. John Gourlay	His Majesty	Lease of portion of "Chapin Garage," 5th Ave., Calgary, Alta.	S.C.R. Dept	1 year from Nov. 1, 1922..	$600 per ann
" 1	His Majesty	City of Windsor	Lease of 2 parcels of land on north side of Sandwich st. and westerly of River st., Windsor, Ont.	Site for Boys' Training School	1 year from Dec. 1, 1922 and thereafter from year to year.	$1 per ann.
" 1	Hill & Kempt, Ltd	His Majesty	Lease of ground floor in "Thompson Chambers," Saskatoon, Sask.	Customs Long Room	2 years from Dec. 12, 1922..	$4,800 per ann.
" 4	The Tribune Publishing Co. Ltd.	"	Lease of 1,720 sq.ft. on 2nd floor of "Tribune Building," Winnipeg, Man.	Taxation Branch (Finance Dept.)	From Sept. 11, 1922 to April 30, 1925.	$2,880 per ann. (renewable).
" 9	His Majesty	Ernest Sharon	Lease of boathouse at west end of Public Wharf Site, Windsor, Ont.	Private enterprise	12 m. from Nov. 9, 1922.	$5 per m.
" 14	Bartholomew Oscar Wright.	His Majesty	Lease of basement in "Hickman Block," 8th Ave. W., Calgary, Alta.	Interior Dept (storage of cars)	From Nov. 1, 1922, to May 1, 1923.	$40 per m.
" 15	Union Bank of Canada	"	Lease of 2 rooms, a vault and closet on 2nd floor of "Union Bank Building," Moosomin, Sask.	Insp. of Dom. Lands Agencies—Int. Dept.	From Oct. 1, 1922 to Mar. 31, 1923.	$35 per m.
" 16	Canadian Bank of Commerce.	"	Lease of rooms Nos. 2 and 3 (with use of room in basement and court) in rear of "Canadian Bank of Commerce Building," Revelstoke, B.C.	Interior Dept. and Trade and Commerce.	2 years from Dec. 1, 1922.	$40 per m.
" 17	Mrs. Catherine Green (wife of T. D. Green).	"	Lease of 1 storey frame building and outbuildings at Rock Mountain House, Alta..	Interior Dept	5 years from June 28, 1922.	$390 per ann.
" 18	Dept. of Rys. and Canals, —Canadian Northern Ry. Co. and G.T.Pac. Ry. Co.	"	Lease of room in basement floor of "New Union Station", Winnipeg, Man.	Mail purposes (Post Office Dept.)	1 year from Sept. 1, 1922.	$2,416 per ann.

"	20	Lowe-Martin Co., Ltd.	"	Lease of 2nd, 3rd and 4th floors in "Lowe Martin Building," Ottawa, Ont.	Militia and Defence	1 year from Dec 10, 1922.	$6,000 per ann. (renewable).
"	21	His Majesty	Municipal Corp. of City of Lachute.	Leave and license to occupy portion of Crown lot, cor. Main and Bethaney sts., Lachute, Que.	Private enterprise	During pleasure	No money compensation.
"	27	John Casorso	His Majesty	Lease of 2 rooms and small hall in "Casorso Block," Kelowna, B.C.	Militia and Defence	1 year from May 12, 1922.	$180 per ann. (renewable).
"	28	Gleichen Lodge No. 36 A.F. & A.M.	"	Lease on ground floor of "Masonic Hall," Gleichen, Alta.	"	3 years from Jan. 1, 1923.	$120 per ann.
Dec.	1	Alice Eva Warne (wife of H. T. Warne).	His Majesty	Lease of 2 rooms on 2nd floor of "Warne Building," Digby, N.S.	Marine and Fisheries	1 year from Nov. 1, 1922.	$200 per ann.
"	1	His Majesty	W. E. Conway	Permission to occupy 2 buildings on lots 3 and 4 at approach of Gov't wharf, Pelee Island, Ont.		During pleasure.	No money consideration.
"	1	The Canadian Northern Ontario Ry. Co.	His Majesty	Lease of freight shed at Belleville, Ont.	Armouries	From Dec. 1, 1922 to Nov. 30, 1923, and thereafter at will of parties.	$5 per m.
"	1	"	"	Lease of station at Brighton, Ont.	"	From Dec. 1, 1922, to Nov. 30, 1923, and thereafter at will of parties.	$5 per m.
"	1	"	"	Lease of station and freight shed at Colborne, Ont.	"	From Dec. 1, 1922 to Nov. 30, 1923, and thereafter at will of parties.	$5 per m.
"	1	"	"	Lease of station at Grafton Village, Ont.	"	From Dec. 1, 1922 to Nov. 30, 1923, and thereafter at will of parties	$5 per m.
"	2	Dominion Atlantic Railway.	"	Lease of ground floor of 3 storey frame building, Halifax, N.S.	Weights and Measures Branch (T. and C. Dept.).	2 years from Dec. 1, 1922.	$900 per ann.
"	5	McCallum-Hill Building, Ltd.	"	Lease of Suite No. 918 in "McCallum-Hill Building," Regina, Sask.	Insp. of Food and Drugs (Health Dept.).	1 year from Nov. 1, 1922	$300 per ann.
"	8	Canadian National Telegraph Co.	Gov't Telegraph Service.	Permission to use company's poles between Mount Olie and Chu Chua, B.C.	Gov't purposes 5·2 miles		$5 per wire per ann. per mile.
"	12	Sarah A. Batson	His Majesty	Lease of 1 room on 1st floor of building, Welch Pool-Campobello Island, N.B.	Insp. of Fisheries	1 year from Dec. 31, 1922.	$120 per ann.
"	12	His Majesty	Premier Gold Mining Co.	Permission to lay and install pipe line on public wharf, Stewart, B.C.		During pleasure	No money consideration.
"	13	John Albert Short	His Majesty	Lease of 1 storey frame building, No. 220 Hampton st., Winnipeg, Man.	Militia and Defence	1 year from Dec. 1, 1922.	$600 per ann.
"	15	His Majesty	Edward Maillet *et al.*	Permission to occupy portion of Crown lands at north breakwater, Richibucto Cape, N.B.	Private enterprise	During pleasure.	$1 per ann. by each party.

STATEMENT No. 3.—Of properties leased to and from the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Continued.*

Date of Lease	Lessors	Lessees	Description of Property	For what Purpose	Duration of Lease	Rental
1922						
Dec. 16	His Majesty	Hon. Edgar N. Rhodes.	Lease of "Old Manuel House," No. 26 Victoria st., Ottawa, Ont.	Private residence	1 year from June 1, 1923.	$2,000 per ann.
" 19	Sir Rodmond Palin Roblin	His Majesty	Lease of ground floor of No. 103 Osborne st., Winnipeg, Man.	Postal Station "C"	1 year from Feb. 1, 1923.	$150 per m.
" 27	James Murphy	"	Lease of full size basement and 2 lower floors, No. 114 Simpson st., Fort William, Ont.	Militia and Defence	6 months from Dec. 1, 1922.	$225 per m.
" 27	James Henry Buchanan	"	Lease of rooms 1, 2 and 3 on ground floor of "Buchanan Apartments," Goderich, Ont.	" "	1 year from Jan. 23, 1923 to Mar. 31, 1926.	$300 per ann.
" 27	Lemuel Ezra Prowse	"	Lease of 3 rooms on 1st floor of "Prowse Block," Charlottetown, P.E.I.	Supt. of Dom. Buildings	1 year from Nov. 1, 1922.	$200 per ann.
1923						
Jan. 1	Dept. of Public Works of Canada.	Dept. of Labour of Ontario.	Lease of 657 sq. ft. in office No. 3, on ground floor of "Herchmer Building," Kingston, Ont.	Employment Office	3 years from Jan. 1, 1923.	$20 per m.
" 1	His Majesty	W. D. Splan	Permission to occupy new location on Gov't property, Kincardine Harbour, Ont.	Boat house purposes.	During pleasure.	No money consideration.
" 1	Dept. of Public Works of Canada.	Dept. of Agriculture of Ontario.	Lease of offices Nos. 6 and 9 with storeroom 5a on upper floors and portion of basement in "Herchmer Building," Kingston, Ont.	Prov. Gov't Offices	3 years from Jan. 1, 1923.	$25 per m.
" 3	Wm. Jackson Hopwood (Liquidator of Hopwoods Ltd.).	His Majesty	Lease of 3 rooms on ground floor of premises No. 336 Water st., Peterborough, Ont.	Weights and Measures Branch (T. and C. Dept.).	1 year from Jan. 1, 1923.	$225 per ann. (renewable)
" 3	Roderick J. Chisholm	"	Lease of top storey of 2 storey frame building on part of lot No. 18, Townsite 3, Lumby, B.C.	Militia and Defence	1 year from Feb. 1, 1923.	$100 per ann.
" 4	Chas. Edward Start	"	Lease of west or front room on 2nd floor of "Start's Office Building," Tara, Ont.	" "	1 year from Jan. 1, 1923.	$96 per ann.
" 10	Peter and George Osterhout.	"	Lease suite No. 204 on 2nd floor of "Exchange Building," Windsor, Ont.	S.C.R. Dept.	6 months from Dec. 1, 1923.	$75 per m.
" 11	A. J. C. McDermott	"	Lease of 3 storey brick building, cor. Langley and Broughton sts., Victoria, B.C.	Examining Warehouse.	2 years from Jan. 1, 1923.	$4,800 per ann.
" 11	Wm. Dickson Fair	"	Lease of 2 rooms on 2nd floor of brick building, cor. Albert and Ontario sts., Clinton, Ont.	Militia and Defence	3 years from Mar. 1, 1923.	$60 per ann.
" 13	His Majesty	J. B. Henderson	Permission to occupy land and land covered by water, Inverness, N.S.	Private enterprise	During pleasure.	$5 per ann.
" 13	"	C. Watters and A. Coults.	License to remove sand from land, part of lot No. 9, Con. 1, New Liskeard, Ont.	" "	" "	$100 per ann.

"	15	Army and Navy Veterans' Association.	His Majesty	Lease of 1 storey frame building on w. ½ of lot No. 10, block 2, plan "G", Rosetown, Sask.	Militia and Defence	1 year from Jan. 1, 1923.	$200 per ann
"	16	Patrick McCool	"	Lease of 2 large rooms on 2nd floor of "McCool Block," North Bay, Ont.	Hydro-Electric Survey (Int. Dept.).	1 year from Jan. 1, 1923.	$40 per m.
"	24	His Majesty	J. L. Greenwood	Permission to occupy portion of Gov't wharf, North East Harbour, N.S.	Private enterprise	During pleasure.	No money consideration.
"	25	Patrick Fournier	His Majesty	Lease of 1 room on 2nd floor of "Fournier Block," Edmundston, N.B.	Militia and Defence	1 year from Jan. 23, 1923.	$260 per ann. (renewable)
"	25	Fred. W. Scott	"	Lease of rooms Nos. 302 and 303 in "Scott Block," Winnipeg, Man.	Insp. Dom. Lands Agencies.	1 year from Dec. 31, 1922.	$140 per m.
"	30	Miss Louisa W. Lang	"	Lease of ground floor in frame building on Dumfries st., Caledonia, Ont.	Militia and Defence	2 years from Oct. 1, 1922.	$8 per m. (renewable)
Feb.	1	Mrs. Margaret Henderson.	"	Lease of 1 storey brick garage, cor. 6th Ave. and 6th st., South, Lethbridge, Alta.	" "	2 years from April 30, 1923.	$150 per m.
"	1	James Alex. Yager	"	Lease of 2,075 sq. ft. on easterly portion of ground floor and 587 sq. ft. on easterly portion of basement in building, Swift Current, Sask.	Post Office	1 year from Nov 20, 1922.	$1,800 per ann.
"	1	Pemberton & Son	"	Lease of rooms Nos. 1, 2, 3 and 4 on 4th floor of "Holden Block," Vancouver, B.C.	Indian Agent	1 year from Feb. 1, 1923.	$975 per ann.
"	1	Canadian Northern Ontario Ry. Co.	"	Lease of freight shed at Brighton, Ont	Armouries	From Feb. 15, 1923 to Feb. 14, 1924.	$5 per m.
"	2	Great War Veterans' Association.	"	Lease of 1 storey frame building on lots Nos. 9 and 10, plan 64, Kerrobert, Sask.	Militia and Defence	1 year from Jan. 1, 1923.	$300 per ann. (renewable)
"	2	Estate of James Coristine	"	Lease of offices 219 220 on 2nd floor of "Coristine Building," Montreal, Que.	Grain Insp. Office	1 year from May 1, 1923.	$1,450 per ann.
"	3	Cyrille Laurin	"	Lease of space on ground floor of " Royal Exchange Building," Cobalt, Ont.	Post office	1 year from Jan. 30, 1923.	$2,000.00 per ann.
"	8	McKenzie & Mann	"	Lease of ground floor and half basement in one-storey brick building on lot No. 11, block 49, plan 2230, Swift Current, Sask.	Militia & Defence	1 year from Jan. 11, 1923.	$720 per ann.
"	10	Arthur Desjardins	"	Lease of 575 sq. ft. on 1st floor of 1½-storey frame building, cor. St. André and St. François sts., Terrebonne, Que.	Temporary post office	From Jan. 1, 1923 and thereafter from month to month.	$33 per m.
"	15	James Johnstone	"	Lease of 2nd storey of building on Main st., Harriston, Ont.	Militia & Defence	5 years from Nov. 10, 1922.	$300 per ann.
"	16	Municipality of Collingwood.	"	Lease of 2 rooms in "Town Hall," Collingwood, Ont.	Armouries	1 year from Mar. 15, 1923.	$120 per ann.
"	21	J. A. Schultz	"	Lease of one room in building on Dalhousie st., Brantford, Ont.	Militia and Defence	From Jan. 2, 1923 to Mar. 1, 1924.	$340 per ann.
"	21	His Majesty	J. E. Emile Leonard	Lease of upper floor and storage space in basement of "Postal Station L", Westmount, Que.	Private residence	From Dec. 1, 1922, and during His Majesty's pleasure.	$100 per m.
	22	Outremont Board of Protestant School Trustees.	His Majesty	Lease of part of ground floor in "Strathcona Academy," Outremont, Que.	No. 4 Cyclists Coy	3 years from May 1, 1922.	$180 per ann.

STATEMENT No. 3.—Of properties leased to and from the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Continued.*

Date of Lease	Lessors	Lessees	Description of Property	For what Purpose	Duration of Lease	Rental
1923						
Feb. 22	Mrs. Eva C. Carling	His Majesty	Lease of 2nd, 3rd, 4th, 5th, 6th and 7th floors "Carling Building," Ottawa, Ont.	Dept. of Interior	From Feb. 22, 1923, to April 30, 1924.	$15,000 per ann.
" 23	La Banque Nationale	"	Lease of part of 1st floor, vault and basement in 3 storey brick, concrete and stone building, cor. Ste. Catherine and Laurier sts., Grand 'Mere, Que.	New post office qrs.	5 years from Oct. 7, 1922.	$900 per ann.
" 26	City of Verdun	"	Lease of No. 2 Fire Station, cor. Verdun and Osborne avenues, Verdun, Que.	Militia and Defence	1 year from Dec. 8, 1922.	$1,000 per ann.
" 26	Yorkshire and Canadian Trust Co., Ltd.	"	Lease of rooms Nos. 509 to 512 incl. on 5th floor of "Pacific Building," Vancouver, B.C.	Mines Department	12 m. from Dec. 25, 1922.	$1,680 per ann.
" 26	Corporation of City of Fort William.	"	Lease of 3rd floor of City Hall building, known as "Assembly Hall," Fort William, Ont.	Taxation Branch (Finance Dept.)	3 years from May 1, 1923.	$1,200 per ann.
" 27	Henry Thomas Lepage	"	Lease of ground floor and portion of 2nd floor in 2 storey factory building, Toronto, Ont.	S.C.R. Department	1 year from Dec. 1, 1922.	$8,177 per ann. (renewable)
" 27	The Page Printing and Binding Co.	"	Lease of front part of 2nd floor of solid brick building, Nos. 3, 5 and 7, Albert st., Sherbrooke, Que.	Weights and Measures, (T. & C.)	1 year from April 1, 1923.	$600 per ann.
" 28	The Mutual Life Ins. Co. of Canada.	"	Lease of entire ground floor in "Board of Trade Building," Vancouver, B.C.	Taxation Branch (Finance Dept.)	5 years from Feb. 1, 1923.	$11,400 per ann.
" 28	Estate of late T. B. and D. J. Riley.	"	Lease of one front office on 2nd floor of three storey brick building on west side of Queen st., Charlottetown, P.E.I.	Asst. Inspector of Customs and Excise.	1 year from Feb. 1, 1923.	$250 per ann.
Mar. 1	Canadian Northern Ontario Ry. Co.	"	Lease of building formerly used-as freight shed, Belleville, Ont.	Armouries	From Mar. 1, 1923, to Feb. 28, 1924.	$5 per m.
" 2	R. H. McWilliams	"	Lease of brick building on 9th St. east and 3rd Ave. east, Owen Sound, Ont.	Militia and Defence	1 year from Jan. 1, 1923.	$360 per ann.
" 2	His Majesty	Canadian Red Cross (Manitoba Div'n.).	Lease of water lot marked "A," Winnipeg Beach, Man.	Rest home and club house for invalids under its care.	10 years from Jan. 7, 1923.	$1.00 per ann.
" 3	L. H. Levasseur Regist'd.	His Majesty	Lease of 1st or ground floor of "Levasseur Block," Rivière du Loup Station, Que.	Post office	1 year from May 1, 1923.	$600 per ann.
" 5	B.C. Telephone Company	"	Lease of 1 circuit between City of Nelson and Slocan Junct., B.C. (12 miles).	Government purposes	From Mar. 5, 1923, to July 20, 1925, and thereafter until terminated by either party.	$25 per mile.

" 6.....	Gordon Hyland.....	"	....Lease of four lower floors and basement of street Nos. 54 and 56 north side of Wellington st., and also tenement known as 3rd and 4th floors of No. 52, north side of Wellington st., Toronto, Ont.	Customs offices.....	2 years from Mar. 1, 1922.	$18,000 per ann.
" 10.....	Banque Hochelaga.....	"	....Lease of ground floor of building east Mount Royal st., and cellar space in common with entrance on Delorimier st., Montreal, Que.	Delorimier postal stn...	1 year from May 1, 1923.	$1,400 per ann.
" 12.....	John Anthony Reche.....	"	....Lease of 2nd floor in building n.e. corner of John and Main sts., Hamilton, Ont.	Insp. Gas and Electricity.	3 years from May 1, 1923.	$720 per ann.
" 12.....	Thistle Joint Estate.....	"	....Lease of store, No. 204 on s. side of Wellington st., Ottawa, Ont.	Gas and Electricity Br.	1 year from May 1, 1923.	$50 per m.
" 15.....	Alex. Macdonald.....	"	....Lease of rooms Nos. 8 to 13 incl. in "K.W.C. Block," Winnipeg, Man.	Gas and Electricity Insp. and Disr. Engineer, P.W.D.	1 year from April 1, 1923.	$720 per ann.
" 15.....	Wm. John Gourlay.....	"	....Lease of enclosed portion of ground floor and unenclosed s ace in "Chapin Garage," Calgary, Alta...	Storage of cars (M. & D.)	1 year from Mar. 15, 1923.	$600 per ann. (renewable)
" 16.....	Mrs. Elizabeth Bowins (widow).	"	....Lease of brick building, formerly used as church, Pontypool Village, Ont.	Militia and Defence.....	2 years from Mar. 1, 1923.	$18 per m.
" 20.....	Hudson's Bay Co.....	"	....Lease of 4,721 sq. ft. on ground floor of "Megaw Building," Vernon, B.C.	S. S. Board Dept.....	1 year from Mar. 15, 1923.	$1,500 per ann.
" 20.....	Doctor Jean Octave Dussault.	"	....Lease of part of ground floor in building with annex in brick building, and space on ground floor adjoining brick building at rear of 419 St. Jean st., Quebec.	Postal Station for Faubourg St. J. Bte.	5 years from May 1, 1923.	$1,800 per ann. (renewable)
" 22.....	Clayton S. Hallman.....	"	....Lease of space on ground floor of building on lots 19 and 20, block K, Bowmanville, Ont.	Militia and Defence.....	1 year from April 1, 1923.	$30 per m. (renewable)
" 24.....	The Central Realties Co., Ltd.	"	....Lease of 3,900 sq. ft. on 1st floor of "Harphill Building," Prince Albert, Sask.	S. S. Board Dept.....	1 year from May 1, 1923.	$200 per m.
" 26.....	Arch. Galbraith.....	"	....Lease of 2,740 sq. ft. on ground floor and 1,000 sq. ft. in basement of building, Nos. 1-9, 1st Ave., Swift Current, Sask.	Dom. Lands Branch, Interior Dept.	6 m. from April 1, 1923.	$150 per m.
" 27.....	Great War Veterans' Association.	"	....Lease of 4,200 sq. ft. on 4th floor of "G.W.V. Building," Regina, Sask.	S. S. Board Dept.....	3 years from May 1, 1923.	$3,390 per ann. (renewable)
" 28.....	Alexandria Realty Co., Ltd.	"	....Lease of one of four stores in "Alexandria Block," Emerson, Man.	Immigration and Colonization.	3 years from April 1, 1923.	$360 per ann. (renewable)
" 28.....	John Fisken & Co.....	"	....Lease of room No. 114 on 1st floor of "Pacific Building," Toronto, Ont.	Grain Insp. Staff (T. & C.)	3 years from April 15, 1923.	$55 per m.
" 29.....	Trustees of School District No. 84 of Port Borden.	"	....Lease of premises on ground floor and use of one class room in "School House," Port Borden, P.E.I.	Marine and Fisheries....	1 year from April 1. 1923.	$125 per ann.

The following leases were received too late for insertion in last year's Annual Report (1921-22)—

1916 June 8.....	His Majesty.....	Great North-Western Telegraph Co. of Canada.	Agreement granting permission to use duct on bridge over Cataraqui River, Kingston-Barriefield, Ont.	For placing cables.....	During pleasure.	$56 per ann.

STATEMENT No. 3.—Of properties leased to and from the Department of Public Works of Canada, from April 1, 1922, to March 31, 1923.—*Concluded.*

Date of Lease	Lessors	Lessees	Description of Property	For what Purpose	Duration of Lease	Rental
1919 Nov. 15	Price Bros. & Co., Ltd.	His Majesty	Lease of land for storage purposes, Rimouski, Que.	Government purposes	1 year from date of occupation.	$250 per ann.
1920 July 20	B.C. Telephone Company.	"	Lease of 1 circuit between Nelson and Castlegar, B.C., 25·290 miles, and lease of one circuit between Nelson and Balfour, B.C., 20·883 miles.	Government purposes	5 years from July 20, 1920.	$1,152.08 per ann.
1921 Dec. 1	G. T. Pacific Co.	Govt. Telegraph Service.	Permission to place 2 copper wires on Company's telegraph poles at point near Mount Olie to Vavenby, B.C.	33 miles		$5 per wire per mile per ann

THE NATIONAL GALLERY OF CANADA

Eric Brown, Director

The work of the National Gallery, during the past twelve months, has grown rapidly. The record of this second year of its reopening since the war, and the occupation of its premises by Parliament, has witnessed an appreciable increase in its importance as a national institution, both because of the growth and improvement of its collections in Ottawa and of the better appreciation of artistic standards throughout the country, occasioned in a considerable measure by its loan exhibitions, lectures and other work carried on wherever a demand for such has made itself evident.

In order to fill the vacancy caused by the death of the Honourable Arthur Boyer, and at the same time to strengthen the board in recognition of the growth of the National Gallery since the appointment of the original Advisory Arts Council in 1908, the following new members were appointed to the Board in 1922, in conformity with section 4 of article 2 of the National Gallery of Canada Act:—

J. Auguste Richard, Esq., LL.D.
Warren Y. Soper, Esq.
Newton MacTavish, Esq.

The National Gallery is open to the public every week day in the year, except Christmas day, and on Sunday afternoon from October to April; in addition, during the past winter the gallery was opened on two occasions in the evening with the added attraction of an orchestra. The popularity of these events was such that an effort will be made to extend this feature next year.

The total number of visitors recorded during the year was 101,000.

The following special exhibitions were held:—

Exhibition of recent accessions—November-December, 1922.
Retrospective exhibition of the work of Franklin Brownell, R.C.A.—November-December.
Canadian war memorials (1st section)—January-March, 1923.
Lithographs by Daumier and Gavarni—September, 1922-February, 1923.
Modern colour prints—February-September, 1922.
Etchings and engravings of 15th, 16th and 17th centuries—February-March, 1923.

In the Department of Prints, there were added to the collection 893 prints, including brilliant impressions of the "Virgin and Child with a monkey" and "Melancholia" by Albert Durer, and "Ephriam Bonus" by Rembrandt.

The collection has been greatly enriched by the work of some modern painters of distinction. These include fine examples of the work of William Strang, R.A., Augustus John, A.R.A., Charles Ricketts, A.R.A., Mrs. A. L. Swynnerton, A.R.A., and many others.

The appropriation made for the National Gallery purposes this year was $50,000, which was expended as follows:—

Accessions	$35,282 79
Salaries, wages and maintenance	14,715 21
Unexpended	2 00
	$50,000 00

The loan exhibition work of the gallery which is in a measure responsible for the increasing interest and appreciation of art throughout the country, was continued and extended. The following points were served:—

Halifax, N.S.—Victoria School of Art and Design, (9 pictures).
Montreal, P.Q.—Montreal Art Association, (82 pictures).

Fort William, Ont.—The Public Library, (12 pictures).
London, Ont.—Western Fairs Association, (6 pictures).
Port Arthur, Ont.—The Public Library, (9 pictures).
Sarnia, Ont.—The Public Library' (8 pictures).
Sudbury, Ont.—Women's Art Association, (10 pictures).
Tillsonburg, Ont.—The Public Library, (8 pictures).
Walkerville, Ont.—Willistead Library, (10 pictures).
Winnipeg, Man.—Winnipeg Art Gallery, (20 pictures and 72 colour prints).
Regina, Sask.—Regina College, (10 pictures).
Calgary, Alta.—Calgary Women's Canadian Club, (10 pictures).
Edmonton, Alta.—University of Alberta, (12 pictures).
New Westminster, B.C.—New Westminster Exhibition Ass'n, (23 paintings and 82 prints).
Vancouver, B.C.—Vancouver Exhibition Association, (23 pictures and 82 prints).
Vancouver, B.C.—British Columbia Art League, (15 pictures and 82 prints).
Victoria, B.C.—Island Arts and Craft Society, (15 pictures).
Victoria, B.C.—Provincial Exhibition, (23 pictures).
The following accessions were made to the collection during the year:—

PURCHASES OF OIL PAINTINGS

Title	Artist
Ponte Vecchio, Florence	Emily Coonan
Le Bassin Louise a Quebec	J. Y. Johnstone, A.R.C.A.
Morning after Sleet	A. Y. Jackson, R.C.A.
Melting Snow	J. W. Beatty, R.C.A.
Hartung's Wharf, Boothbay Harbour	Minnie Kallmeyer
The Big Rock, Bon Echo	Arthur Lismer, A.R.C.A.
The Danaides	Charles Ricketts, A.R.A.
The Word	F. Cayley Robinson, A.R.A.
The Lane in Spring	Gyrth Russell
A Canadian Soldier	Augustus John, A.R.A.
Joy of Summer	William Strang, A.R.A.
Portrait of Lucien Pissarro	" "
Madonna and Child (Tempera on wood)	Florentine School, 14th Century
Three Apostles (Tempera on wood)	" "
At The Play	Walter W. Russell.
Swanage Tower	Bertram Nicholls
Affy, Daughter of the Artist	Ernest Fosberry, A.R.C.A.
Winter Morning at Melbourne, Que	F. S. Coburn, A.R.C.A.
Quebec from the Isle of Orleans	L. R. O'Brien, R.C.A.
St. Martin's Summer	Annie L. Swynnerton, A.R.A.

WATER COLOURS AND PASTELS

Bather's Arcade	W. Russell Flint
Three Little Tents	"
Lung Ching and the Beggar Maid	Dorothy Hawksley

SCULPTURE

Evangeline (Bronze)	Henri Hebert, R.C.A.
Assyrian Mural Slab in Aragonite	From the palace of Asshur-Nasir,Pal, Circa 880 B.C
Portion of an Assyrian Bas-relief	" " " " "

GIFTS

Head of Blackfoot Chief, "Iron Shield," (Irkimauotani) (Pastel)	Edmund Morris, A.R.C.A.
The Beach, St. Kitts (Oil)	Franklin Brownell, R.C.A.
The Chaudiere (Oil)	Cornelius Kreighoff
Winter Landscape (Oil)	" "

(Presented by Miss Edith Wilson, Ottawa)

Springtime	Franklin Brownell, R.C.A.
Fishing station	" "
The Habitant Farm	Cornelius Kreighoff

(Presented by the Estate of the late Senator W. C. Edwards, Ottawa)

DIPLOMA WORKS

The Pond, October	Clarence A. Gagnon, R.C.A.
"1914"	Henri Hebert, R.C.A.
Bust of the Artist	Alfred Laliberte, R.C.A.